B&A Buys & Associates, Inc.
Environmental Consultants

300 E. Mineral Ave., Suite 10
Littleton, CO 80122-2631
303/781-8211 303/781-1167 Fax

August 17, 2005

Mrs. Diana Whitney
State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.
AP 1-2J, 700' FNL & 700' FEL, NE/4 NE/4, (Lot 1), Sec. 2, T11S, R19E, SLB&M, Uintah County, Utah

Dear Mrs. Whitney:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and one copy of the *Application for Permit to Drill (APD)* for the above referenced state surface / state mineral well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for Dominion

cc: Fluid Mineral Group, BLM—Vernal Field Office
Carla Christian, Dominion
Ken Secrest, Dominion

ORIGINAL

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-36213	6. SURFACE: State
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐	8. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.	9. WELL NAME and NUMBER: AP 1-2J
3. ADDRESS OF OPERATOR: 14000 Quail Sp Pkwy CITY Oklahoma City STATE OK ZIP 73134 / PHONE NUMBER: (405) 749-5263	10. FIELD AND POOL, OR WILDCAT: ~~Natural Buttes~~ Undesignated
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 700' FNL & 700' FEL (Lot 1) 606729X 39.894445 4416578Y -109.751627 AT PROPOSED PRODUCING ZONE: 700' FNL & 700' FEL (Lot 1)	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 11 19 S
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.97 miles southwest of Ouray, Utah	12. COUNTY: Uintah / 13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
700'	625.62	40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
2,410'	9,500	SITLA Blanket 76S 63050 361
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
5,429'	12/1/2005	14 days

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4"	8-5/8" J-55 ST 32#	2,000	see Drilling Plan 252/219/100
7-7/8"	5-1/2" Mav 80 L 17#	9,500	see Drilling Plan 160/435

25. ATTACHMENTS

ORIGINAL

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VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Dominion Exploration & Production, Inc.

SIGNATURE Don Hamilton DATE 8/17/2005

(This space for State use only)

RECEIVED
AUG 22 2005
DIV. OF OIL, GAS & MINING

API NUMBER ASSIGNED: 43-047-32041

APPROVAL:

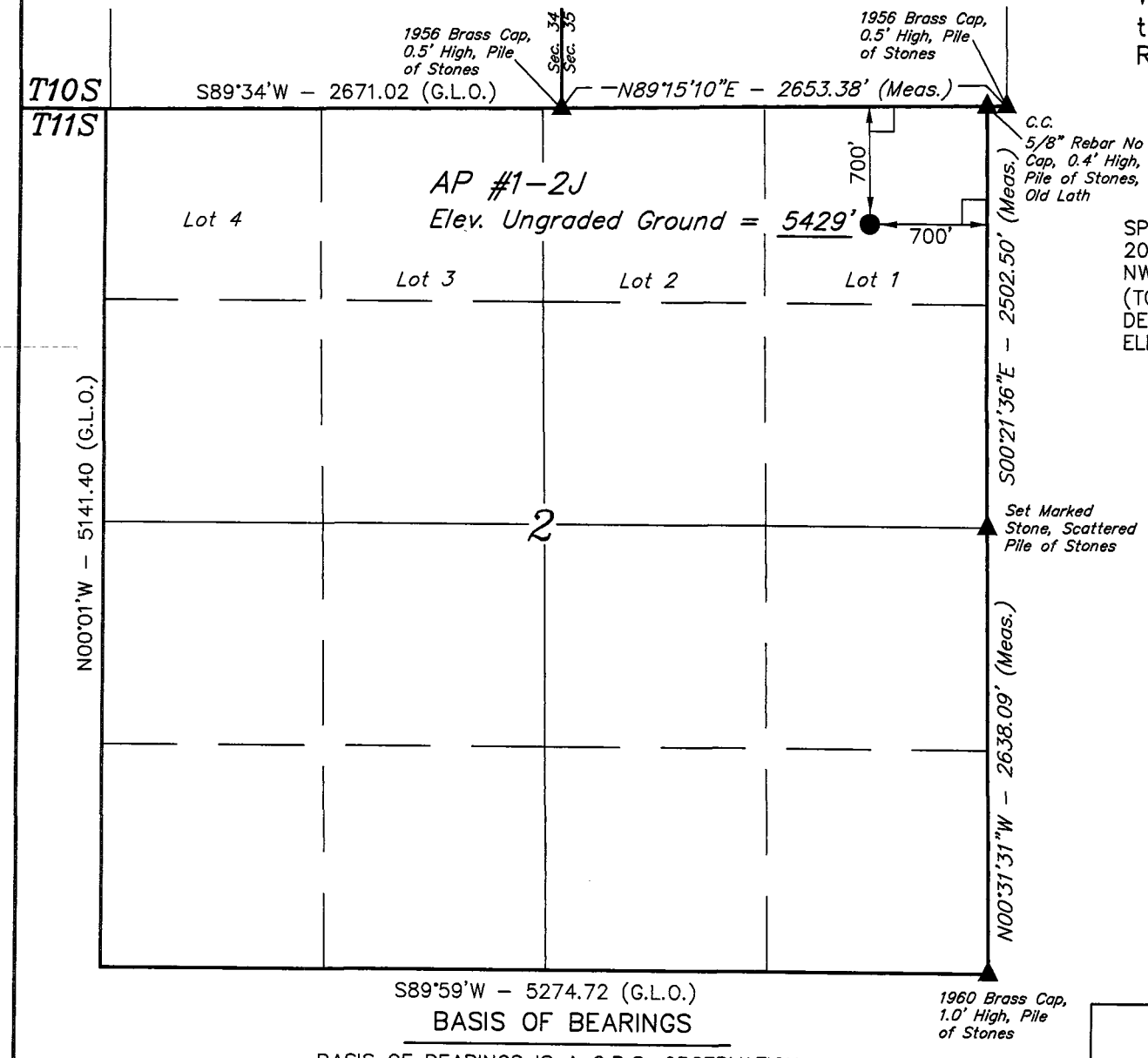
Approved by the
Utah Division of
Oil, Gas and Mining
(See Instructions on Reverse Side)
Date: 09-14-05
By:

(11/2001)

T11S, R19E, S.L.B.&M.

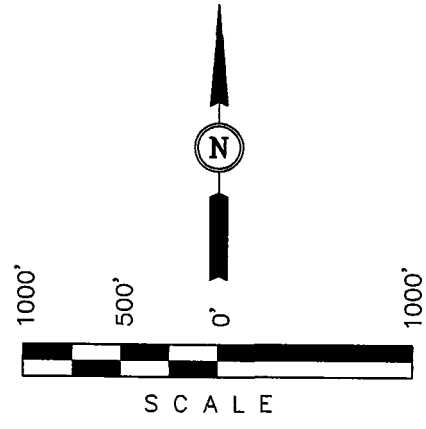
DOMINION EXPLR. & PROD., INC.

Well location, AP #1-2J, located as shown in the NE 1/4 NE 1/4 of Section 2, T11S, R19E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)
LATITUDE = 39°53'39.68" (39.894356)
LONGITUDE = 109°45'08.64" (109.752400)
(NAD 27)
LATITUDE = 39°53'39.81" (39.894392)
LONGITUDE = 109°45'06.14" (109.751706)

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	05-17-05	05-31-05
PARTY: B.B. J.M. L.K.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: DOMINION EXPLR. & PROD., INC.	

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:	Dominion Exploration & Production
Address:	14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134
Well Location:	AP 1-2J 700' FNL & 700' FEL Section 2-11S-19E Uintah County, UT

1. GEOLOGIC SURFACE FORMATION — Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

Formation	Depth
Wasatch Tongue	3,825'
Uteland Limestone	4,155'
Wasatch	4,295'
Chapita Wells	5,195'
Uteland Buttes	6,325'
Mesaverde	7,170'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

Formation	Depth	Type
Wasatch Tongue	3,825'	Oil
Uteland Limestone	4,155'	Oil
Wasatch	4,295'	Gas
Chapita Wells	5,195'	Gas
Uteland Buttes	6,325'	Gas
Mesaverde	7,170'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	Size	Weight	Grade	Conn.	Top	Bottom	Hole
Surface	8-5/8"	32.0 ppf	J-55	STC	0'	2,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	9,500'	7-7/8"

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 1,700' to 2,000'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 2,000'±.

DRILLING PLAN

APPROVAL OF OPERATIONS

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized. Air foam mist, rotating head and diverter system will be utilized.
Production hole: Prior to drilling out the surface casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

Depths	Mud Weight (ppg)	Mud System
0' – 2,000'	8.4	Air foam mist, rotating head and diverter
2,000' – 9,500'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

a. Kelly cock.
b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to surface casing.
- The gamma ray will be left on to record from total depth to surface casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to surface casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

DRILLING PLAN

APPROVAL OF OPERATIONS

11. WATER SUPPLY
- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

12. CEMENT SYSTEMS

a. Surface Cement:
- Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation zone).
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	252	0'–1,500'	11.0 ppg	3.82 CFS	619 CF	835 CF	35%
Tail	219	1,500'–2,000'	15.6 ppg	1.18 CFS	220 CF	297 CF	35%
Top Out	100	0'-200'	15.6 ppg	1.18 CFS	95 CF	118 CF	24% (if required)

Lead Mix: Premium Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite.
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.
Water requirement: 22.95 gal/sack

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.
Water requirement: 5.2 gal/sack

Top Out: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.
Water requirement: 5.2 gal/sack

c. Production Casing Cement:
- Drill 7-7/8" hole to 9,500'±, run and cement 5 1/2".
- Cement interface is at 4,000', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	160	3,700'–4,700'	11.5 ppg	3.12 CFS	175 CF	350 CF	100%
Tail	435	4,700'–9,500'	13.0 ppg	1.75 CFS	473 CF	946 CF	100%

Note: A caliper log will be ran to determine cement volume requirements.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS
Starting Date: December 1, 2005
Duration: 14 Days

SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator:	Dominion Exploration & Production
Address:	14000 Quail Springs Parkway, Suite 600
	Oklahoma City, OK 73134
Well Location:	AP 1-2J
	700' FNL & 700' FEL
	Section 2-11S-19E
	Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The onsite inspection for the referenced well is pending with the Utah Division of Oil, Gas and Mining.

1. Existing Roads:

   a. The proposed well site is located approximately 13.97 miles southwest of Ouray, UT.

   b. Directions to the proposed well site have been attached at the end of Exhibit B.

   c. The use of roads under State and County Road Department maintenance are necessary to access the Alger Pass Area. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.

   d. All existing roads will be maintained and kept in good repair during all phases of operation.

   e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

   f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.

   g. An off-lease federal Right-of-Way is necessary for the access road or utility corridor since both cross off-lease federal acreage. The Right-of-Way has been applied for and is pending approval at this time.

2. Planned Access Roads:

   a. From the existing Alger Pass area access road a new access is proposed trending west approximately 60' to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.

   b. The proposed access road will consist of a 24' travel surface within a 30' disturbed area.

   c. Proposed access will utilize entirely State of Utah lands in which a right-of-way is not anticipated at this time.

d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.

e. No turnouts are proposed since the access road is only 60' long and adequate site distance exists in all directions.

f. No culverts or low water crossings are anticipated. Adequate drainage structures will be incorporated into the road.

g. No surfacing material will come from state, federal or Indian lands.

h. No gates or cattle guards are anticipated at this time.

i. Surface disturbance and vehicular travel will be limited to the approved location access road.

j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.

c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.

f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.

g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the east side of the well site and traverse 28' east to the proposed 6" pipeline corridor that will service the Alger Pass area and tie back into the River Bend Federal Unit.

i. The gas pipeline will be a 6" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 28' is associated with this well.

j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

a. The use of materials will conform to 43 CFR 3610.2-3.

b. No construction materials will be removed from Ute Tribal, SITLA or BLM lands.

c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.

b. Drill cuttings will be contained and buried on site.

c. The reserve pit will be located outboard of the location and along the south side of the pad.

d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.

e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.

f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.

g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.

h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.

i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.

k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.

l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.

m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

a. The well will be properly identified in accordance with state regulations.

b. Access to the well pad will be from the east.

c. The pad and road designs are consistent with State and Federal specification

d. A pre-construction meeting with responsible company representative, contractors, State Representatives and the Utah Division of Oil, Gas and Mining will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.

e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.

f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.

h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.

i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.

j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

k. Pits will remain fenced until site cleanup.

l. The blooie line will be located at least 100 feet from the well head.

m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.

b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the Utah Division of Oil, Gas and Mining or the appropriate County Extension Office.

c. Upon well completion, any hydrocarbons in the pit shall be removed. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.

d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.

e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the State. The State recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

a. Surface Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.
b. Mineral Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

12. Other Information:

a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.

b. Alden Hamblin will has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
   i. **Alden must be notified prior to construction to monitor construction activities at the site since paleontological resources were discovered just off-site.**

c. **A Federal right-of-way must be in place prior to any disturbance on offset federal lands.**

13. Operator's Representative and Certification

Title	Name	Office Phone
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-719-2018

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's State bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 8-17-05

ORIGINAL

DOMINION EXPLR. & PROD., INC.
AP #1-2J
SECTION 2, T11S, R19E, S.L.B.&M.

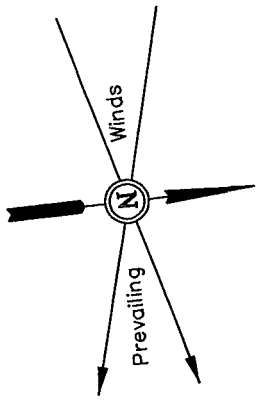
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 60' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 54.8 MILES.

DOMINION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

AP #1-2J
SECTION 2, T11S, R19E, S.L.B.&M.
700' FNL 700' FEL



SCALE: 1" = 50'
DATE: 05-31-05
Drawn By: L.K.

C-2.1'
El. 30.9'
6
7
C-0.4'
El. 29.2'
Topsoil Stockpile
8
F-1.8'
El. 27.0'
65'
Sta. 3+55
DATA
Approx. Top of Cut Slope
175'
CATWALK
NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.
Approx. Toe of Fill Slope
Pit Topsoil
FLARE PIT
El. 29.9'
C-1.1'
PIPE RACKS
El. 29.5'
C-0.7'
C-0.4'
El. 29.2'
El. 31.8'
C-11.0'
(btm. pit)
20' WIDE BENCH
5
D
C
30'
35'
RIG
DOG HOUSE
135'
Sta. 1+80
1
F-2.0'
El. 26.8'
100'
Total Pit Capacity W/2' of Freeboard = 10,750 Bbls. ±
Total Pit Volume = 3,120 Cu. Yds.
Slope = 1-1/2:1
MUD TANKS
WATER
TRAILER
PUMP
TOILET
MUD SHED
Reserve Pit Backfill & Spoils Stockpile
10' WIDE BENCH
140'
Sta. 1+10
HOPPER
FUEL
POWER
TRASH
TOOLS
RESERVE PITS
(8' Deep)
FUEL
Sta. 0+52
El. 32.7'
C-11.9'
(btm. pit)
B
A
180'
20' WIDE BENCH
C-1.4'
El. 30.2'
STORAGE TANK
40'
Sta. 0+00
C-2.3'
El. 31.1'
4
3
C-1.4'
El. 30.2'
2
F-2.3'
El. 26.5'
EXISTING ROAD
Proposed Access Road

Elev. Ungraded Ground at Location Stake = 5429.2'
Elev. Graded Ground at Location Stake = 5428.8'

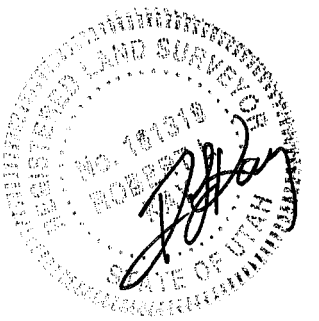
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

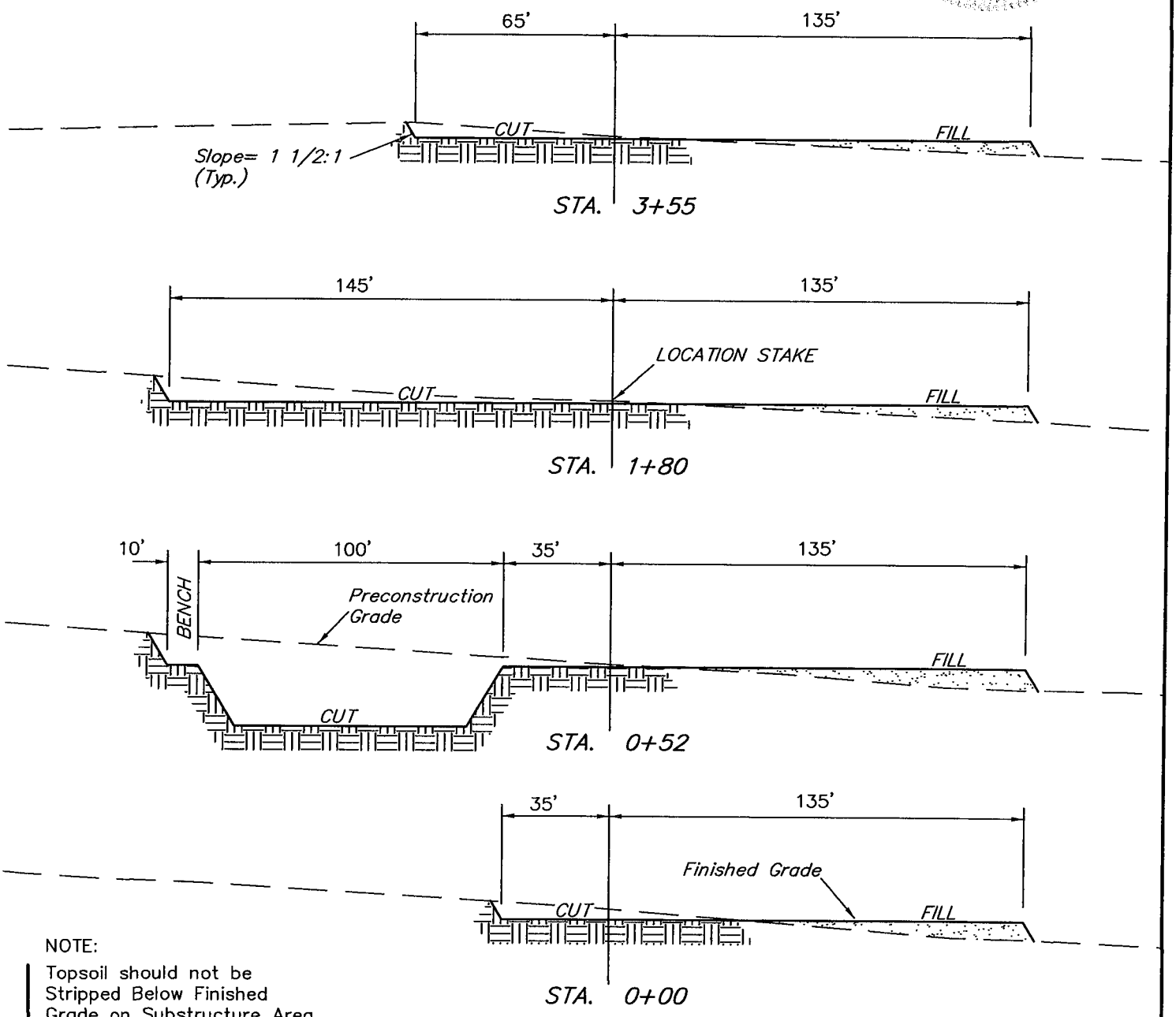
DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

AP #1-2J
SECTION 2, T11S, R19E, S.L.B.&M.
700' FNL 700' FEL

1" = 20'
X-Section Scale
1" = 50'
DATE: 05-31-05
Drawn By: L.K.





NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,690 Cu. Yds.

Remaining Location = 4,800 Cu. Yds.

TOTAL CUT = 6,490 CU.YDS.

FILL = 2,960 CU.YDS.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 3,530 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,250 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 280 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
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DOMINION EXPLR. & PROD., INC.

AP #1-2J

LOCATED IN UINTAH COUNTY, UTAH
SECTION 2, T11S, R19E, S.L.B.&M.

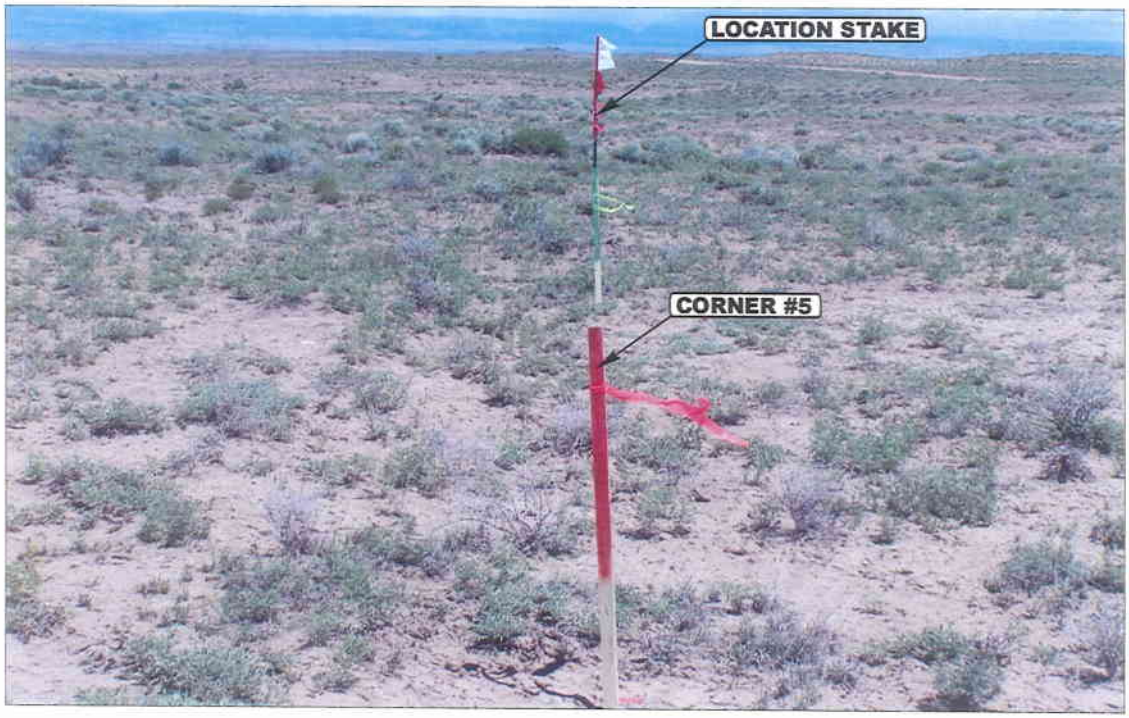
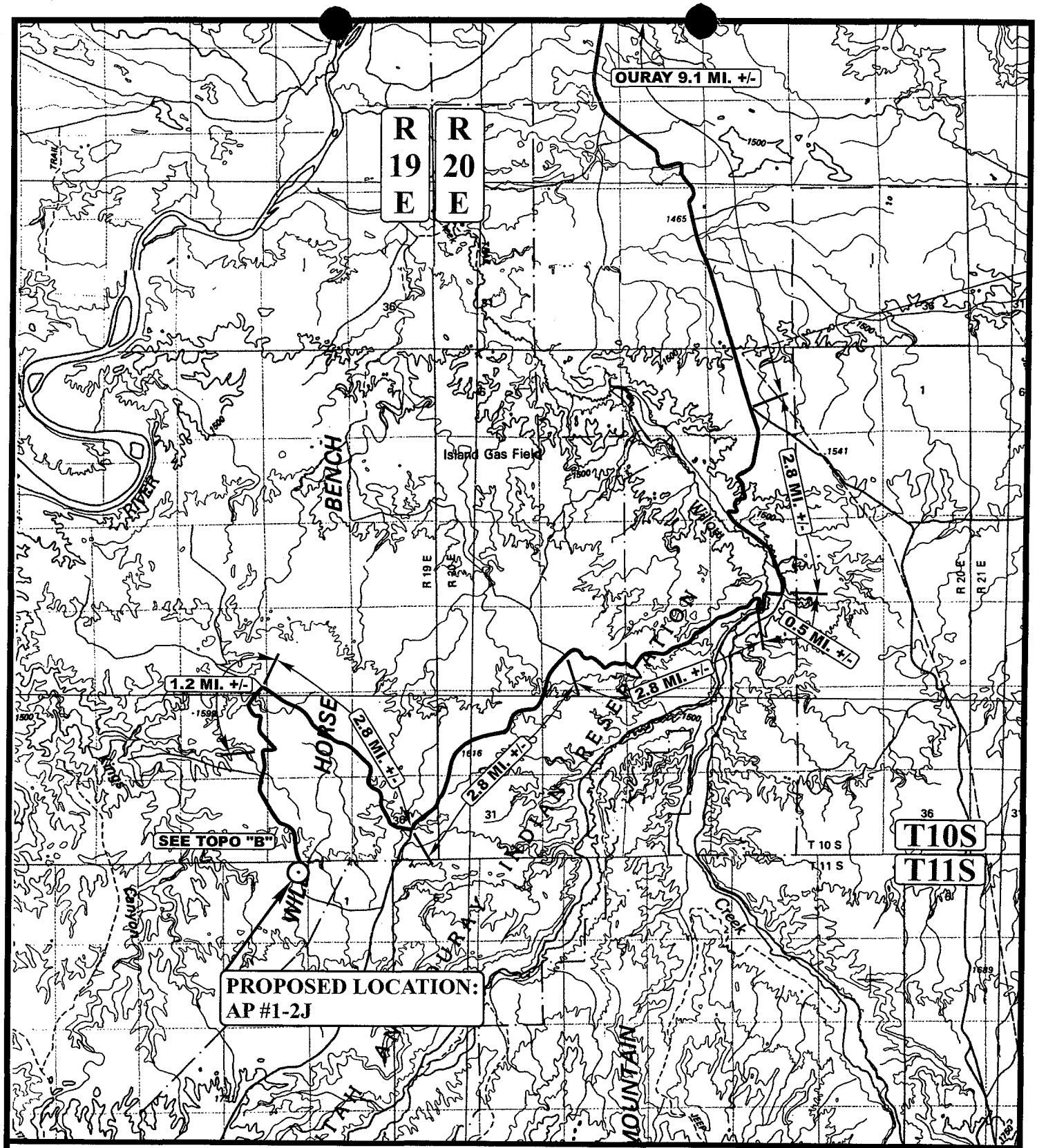


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: WESTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	05 MONTH	20 DAY	05 YEAR	PHOTO
TAKEN BY: B.B.	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

⊙ PROPOSED LOCATION

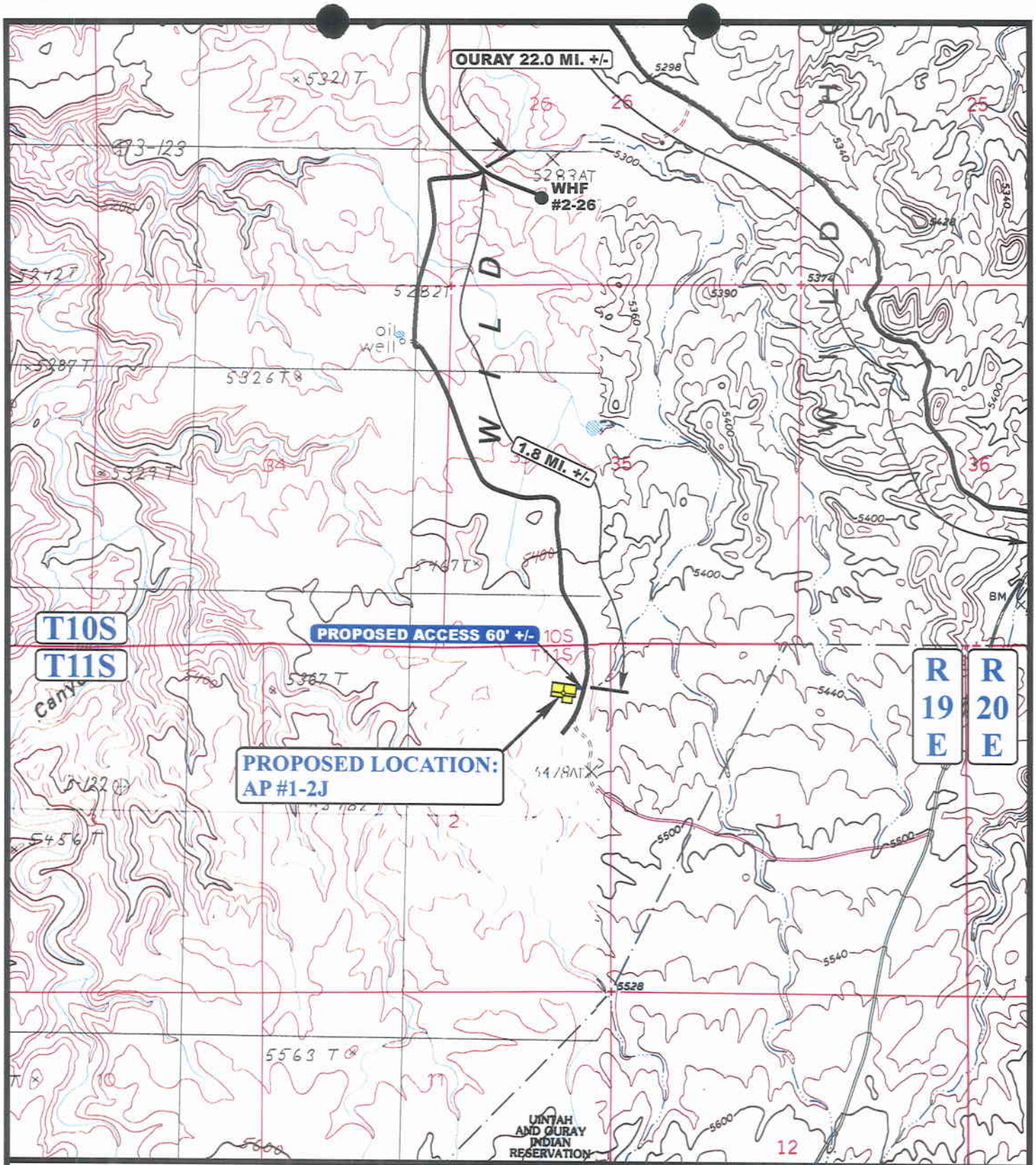
N

DOMINION EXPLR. & PROD., INC.

AP #1-2J
SECTION 2, T11S, R19E, S.L.B.&M.
700' FNL 700' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	05 MONTH	20 DAY	05 YEAR
SCALE: 1:100,000	DRAWN BY: C.P.	REVISED: 00-00-00	A TOPO



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

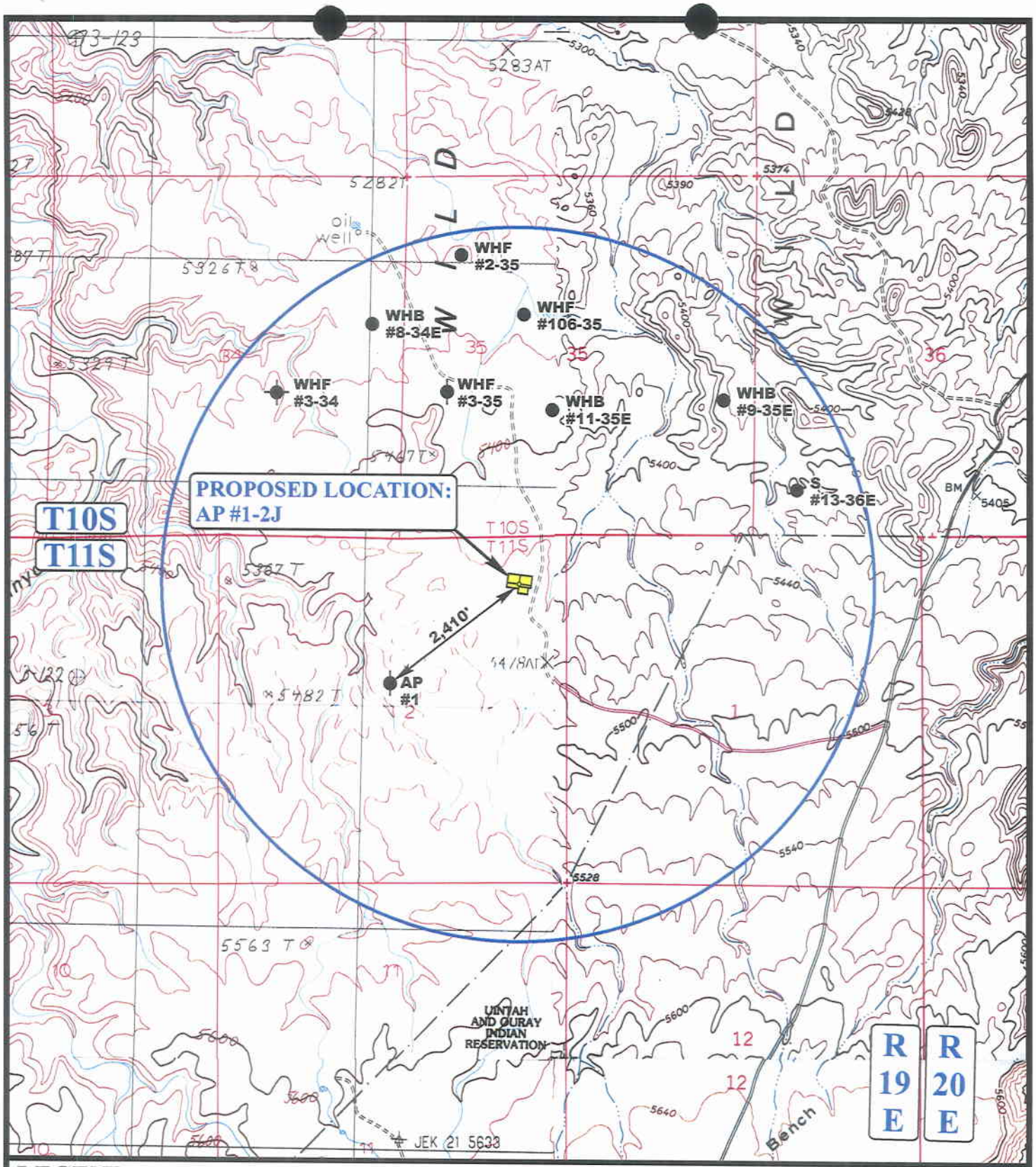
N

DOMINION EXPLR. & PROD., INC.

AP #1-2J
SECTION 2, T11S, R19E, S.L.B.&M.
700' FNL 700' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	05 MONTH	20 DAY	05 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

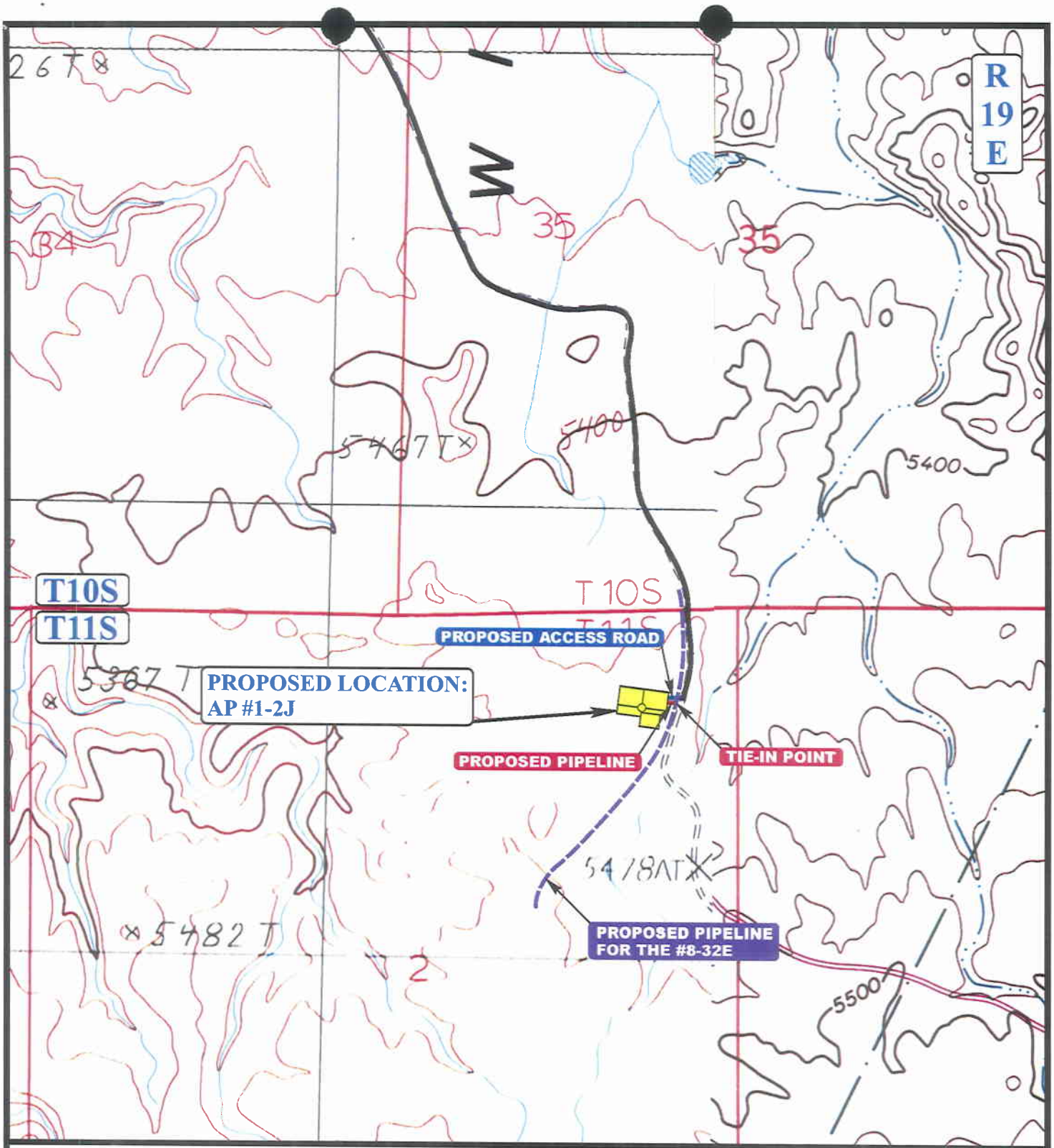
N

DOMINION EXPLR. & PROD., INC.

AP #1-2J
SECTION 2, T11S, R19E, S.L.B.&M.
700' FNL 700' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	05 MONTH	20 DAY	05 YEAR
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00	C TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 28' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

N

DOMINION EXPLR. & PROD., INC.

AP #1-2J

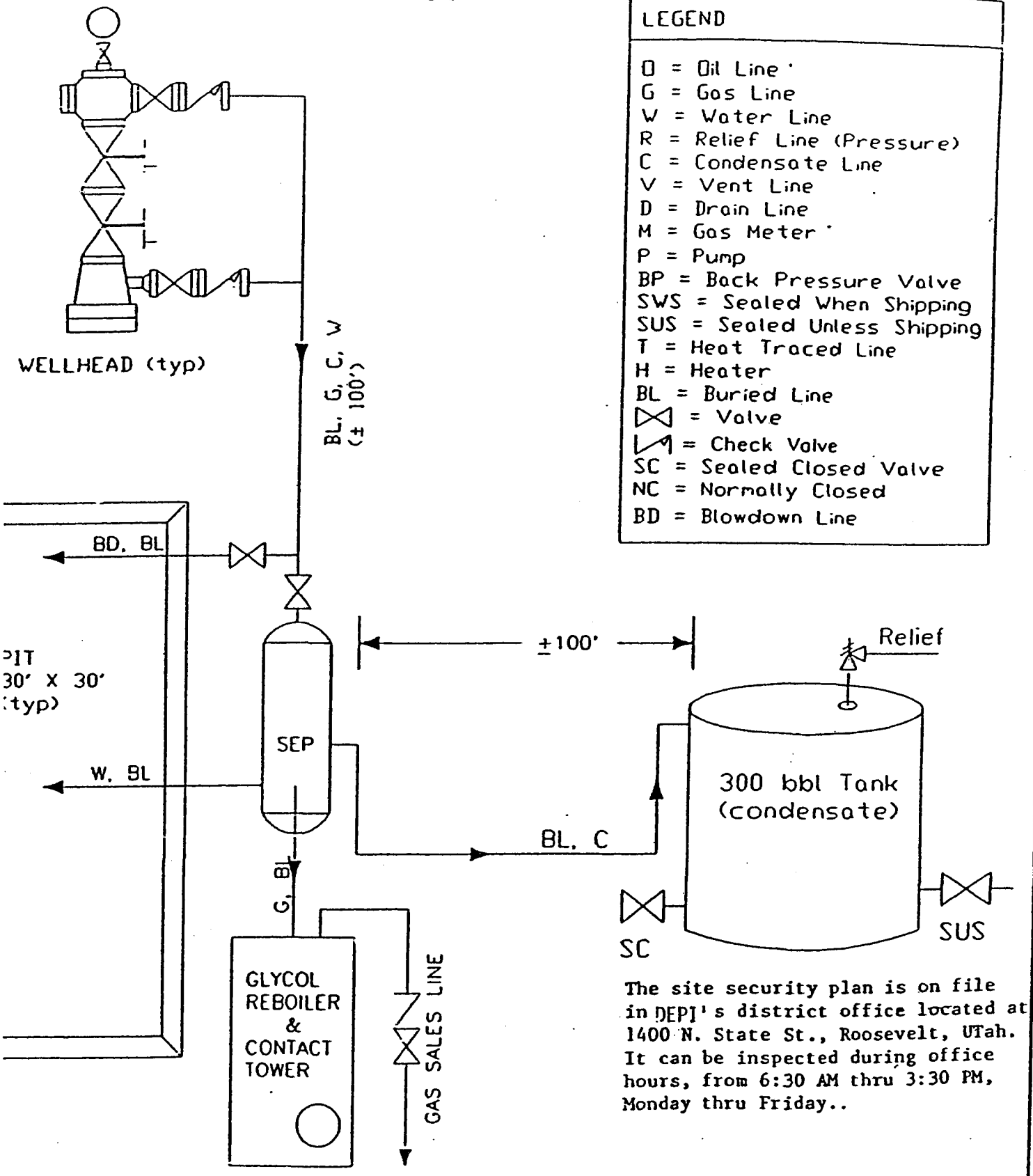
SECTION 2, T11S, R19E, S.L.B.&M.

700' FNL 700' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	05 MONTH	20 DAY	05 YEAR
SCALE: 1" = 1000'	DRAWN BY: C.P.	REVISED: 00-00-00	D TOPO

CONFIDENTIAL

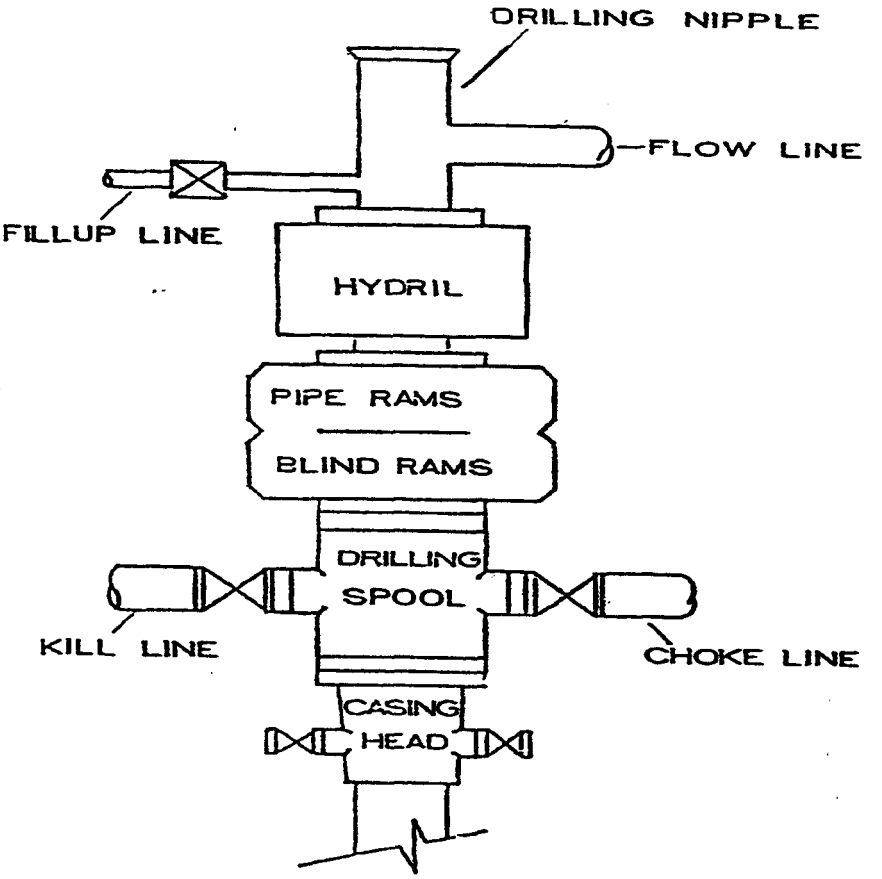


The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, UTah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

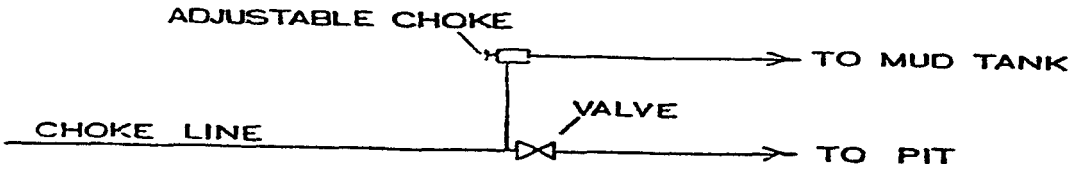
DOMINION EXPLORATION & PRODUCTION, INC.

l:		not to scale
FLOWSEP	TYPICAL FLOW DIAGRAM	date: / /

BOP STACK



CHOKE MANIFOLD



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/22/2005

API NO. ASSIGNED: 43-047-37041

WELL NAME: AP 1-2J

OPERATOR: DOMINION EXPL & PROD (N1095)

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

NENE 02 110S 190E

SURFACE: 0700 FNL 0700 FEL

BOTTOM: 0700 FNL 0700 FEL

UINTAH

UNDESIGNATED (2)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-36213

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	9/14/05
Geology		
Surface		

LATITUDE: 39.89445

LONGITUDE: -109.7516

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 76S63050600)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-10447)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

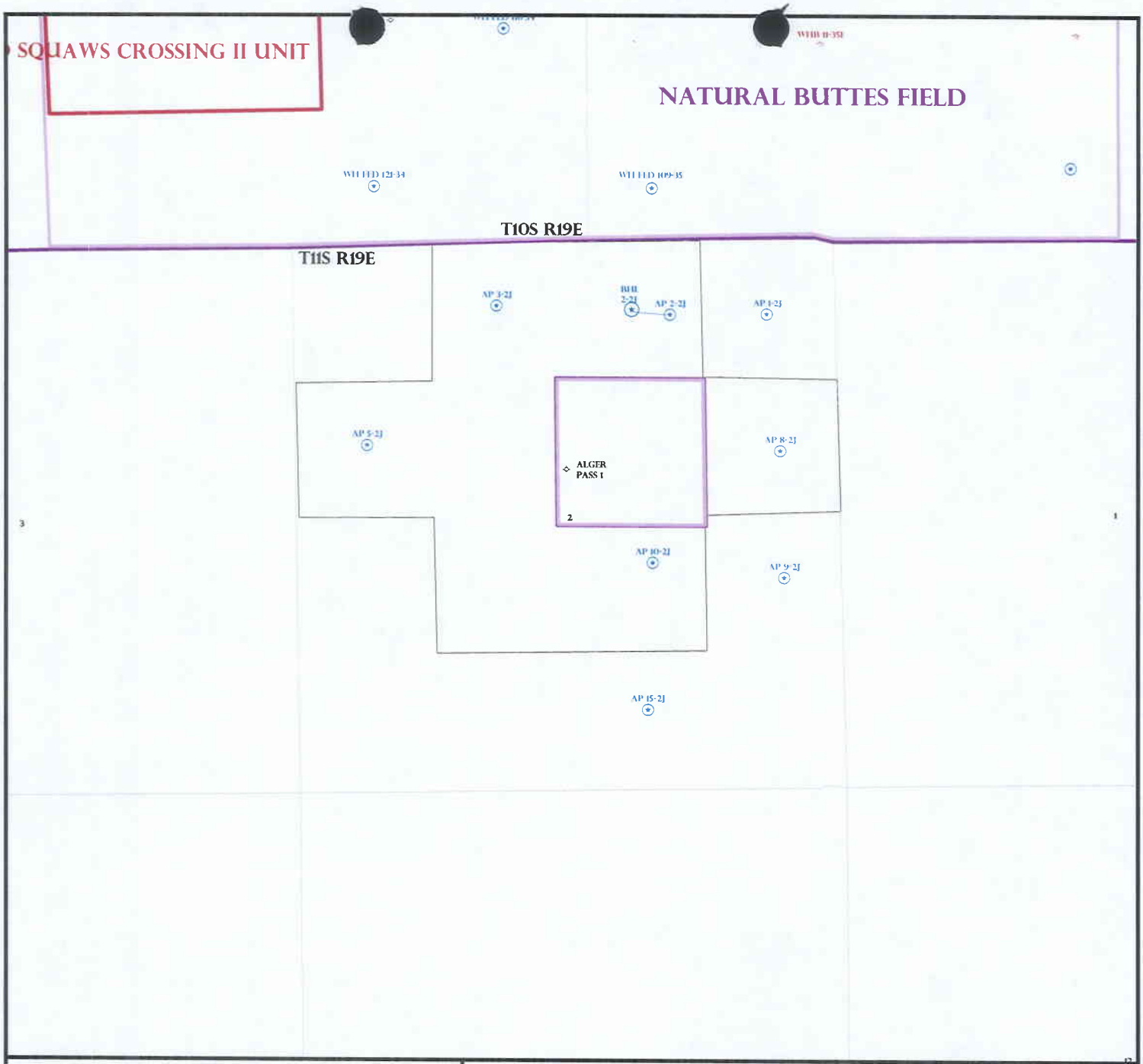
___ R649-3-3. Exception

___ Drilling Unit
Board Cause No:
Eff Date:
Siting:

___ R649-3-11. Directional Drill

COMMENTS: Needs Presite (09-02-05)

STIPULATIONS: 1- Spacing Stip
2- STATEMENT OF BASIS
3- Cmt Stip #3 - (5½" production, ± 3700' MD)



OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 2 T. 11S R. 19E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

Utah Oil Gas and Mining

N
W E
S

PREPARED BY: DIANA WHITNEY
DATE: 25-AUG-2005

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL

STATEMENT OF BASIS

OPERATOR: DOMINION EXPLORATION & PRODUCTION, INC.
WELL NAME & NUMBER: AP 1-2J
API NUMBER: 43-047-37041
LOCATION: **1/4,1/4** NE/NE **Sec:** 2 **TWP:** 11S **RNG:** 19E 700' FNL 700' FEL

Geology/Ground Water:

Dominion proposes to set 2.000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,200 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 2. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers. The production string cement should be brought up above the base of the moderately saline water to prevent it from mixing with fresher waters up hole.

Reviewer: Brad Hill **Date:** 09-12-2005

Surface:

The pre-drill investigation of the surface was performed on 09/02/2005. This site is on State surface with State minerals. Ed Bonner representing SITLA and Ben Williams, Utah Division of Wildlife Resources, were invited to the presite. Both attended. Mr. Williams of the UDWR stated there were no significant wildlife issues with drilling in this area. He Gave Mr. Bonner a recommended seed mix for revegetating the site. The pre-drill investigation did not reveal any significant issues or situations, which should prohibit drilling of this well

Reviewer: Floyd Bartlett **Date:** 09/06/2005

Conditions of Approval/Application for Permit to Drill:

None.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: DOMINION EXPLORATION & PRODUCTION, INC.
WELL NAME & NUMBER: AP 1-2J
API NUMBER: 43-047-37041
LEASE: State ML-36213 **FIELD/UNIT:** Undesignated
LOCATION: 1/4,1/4 NE/NE **Sec:** 2 **TWP:** 11S **RNG:** 19E 700' FNL 700' FEL
LEGAL WELL SITING: 460 F **SEC. LINE;** 460 F **1/4,1/4 LINE;** 920 F **ANOTHER WELL.**
GPS COORD (UTM): 606729 X; 4416578 Y **SURFACE OWNER:** S.I.T.L.A.

PARTICIPANTS

Floyd Bartlett (DOGM), Edward Bonner (SITLA), Griz Oleen and Ken Secrist (Dominion), Ben Williams (UDWR), Brandon Bowthorpe (U.E.L.S.), Bill McClure and Randy Jackson, (Dirt Contractors).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

The general area is known as Wild Horse Bench and is located approximately 24 miles southwest of Ouray, Utah. Wild Horse Bench is a large open flat area with somewhat steep and frequent side-draws draining to the west toward the Green River and the northeast toward Willow Creek. The Uintah and Ouray Indian Reservation is to the east. This location is on a flat immediately west of the Alger Pass road. The bench has a fair native desert shrub-grass vegetation cover with open spaces protected by a small brown rock pavement. Surface run-off is light.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife and Livestock Grazing, Hunting.

PROPOSED SURFACE DISTURBANCE: Location will be 355' by 270'. Access road will be 60 feet extending from the Alger Pass road.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: AP 1 which is plugged is to the south and 7 Federal and 1 State wells to the north..

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road to a main line, which will be constructed to serve other wells in the area.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): Unlikely. Area is isolated. Most activity in general area is oilfield related.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved landfill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Halogeton, curly mesquite, horsebrush, broom snake weed: Wild horses, pronghorn, coyotes, songbirds, raptors, rodents, rabbits, deer, elk.

SOIL TYPE AND CHARACTERISTICS: Brown sandy loam with small brown rock pavement.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion. Reserve pit is located in cut.

PALEONTOLOGICAL POTENTIAL: None observed

RESERVE PIT

CHARACTERISTICS: 140' by 100' and eight feet deep.

LINER REQUIREMENTS (Site Ranking Form attached): Although not required by the pit characteristics, a 12 mil liner is proposed by the operator for the reserve pit. Sensitivity level II.

SURFACE RESTORATION/RECLAMATION PLAN

As per surface use agreement.

SURFACE AGREEMENT: SITLA

CULTURAL RESOURCES/ARCHAEOLOGY: An archeologist has inspected the site. A copy of this report has been submitted to the State of Utah.

OTHER OBSERVATIONS/COMMENTS

Mr. Williams from the UDWR stated there were no wildlife issues. This pre-drill investigation was conducted on a warm, sunny day.

ATTACHMENTS

Photos of this site were taken and placed on file.

Floyd Bartlett
DOGM REPRESENTATIVE

09/02/2005 1:00 PM
DATE/TIME

Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	0
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	10
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	15 20	5
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	0
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	0
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	0

Final Score 15 (Level III)

Sensitivity Level I = 20 or more; total containment is required.
Sensitivity Level II = 15-19; lining is discretionary.
Sensitivity Level III = below 15; no specific lining is required.


2. 9. 2005

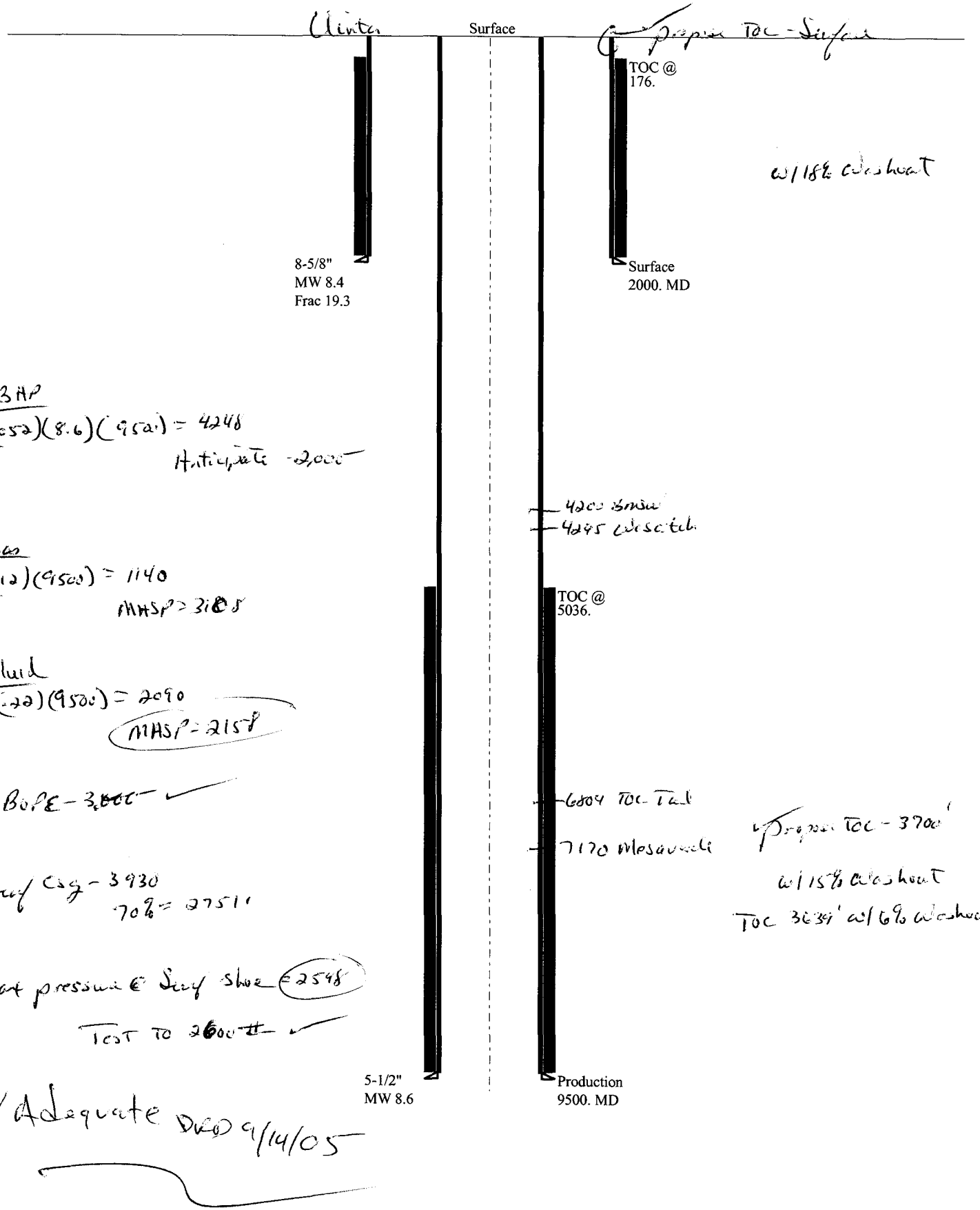

2. 9. 2005


2 9 2005


2 9 2005

09-05 Dominion AP 1-2J

Casing Schematic



BHP

(.052)(8.6)(9500) = 4248

Anticipate -2000

Gas

(.12)(9500) = 1140

MASP = 3108

fluid

(.22)(9500) = 2090

MASP = 2158

BOPE - 3,000 ✓

Surf Csg - 3930

.70% = 2751

Max pressure @ Surf shoe = 2548

Test to 2600 ✓

✓ Adequate DKD 9/14/05

Well name:	**09-05 Dominion AP 1-2J**
Operator:	**Dominion Exploration & Production, Inc.**
String type:	Surface
Location:	Uintah County
Project ID:	43-047-37041

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,760 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,000 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,750 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	103 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	162 ft
Cement top:	176 ft

Completion type is subs
Non-directional string.

Re subsequent strings:

Next setting depth:	9,500 ft
Next mud weight:	8.600 ppg
Next setting BHP:	4,244 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	2,000 ft
Injection pressure	2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	2000	8.625	32.00	J-55	ST&C	2000	2000	7.875	127.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	2530	2.899	2000	3930	1.97	56	372	6.64 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining
Phone: 801-538-5280
FAX: 801-359-3940
Date: September 14,2005
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**09-05 Dominion AP 1-2J**
Operator:	**Dominion Exploration & Production, Inc.**
String type:	Production
Project ID:	43-047-37041
Location:	Uintah County

Design parameters:

Collapse

Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 3,104 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 4,244 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 8,261 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	208 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,500 ft
Cement top:	5,036 ft

Completion type is subs
Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	9500	5.5	17.00	Mav-80	LT&C	9500	9500	4.767	327.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4244	6290	1.482	4244	7740	1.82	140	273	1.94 B

Prepared by: Clinton Dworshak, Utah Div. of Oil & Mining
Phone: 801-538-5280
FAX: 801-359-3940
Date: September 14,2005
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 9500 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

From: Ed Bonner
To: Whitney, Diana
Date: 9/6/2005 12:46:56 PM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Dominion Exploration & Production, Inc
- AP 1-2J
- AP 2-2J
- AP 3-2J
- AP 5-2J
- AP 8-2J
- AP 9-2J
- AP 10-2J
- AP 15-2J

EnCana Oil & Gas (USA) Inc
- Middle Mesa State 36-14-29-24

EOG Resources, Inc
- East Chapita 6-16
- East Chapita 7-16
- East Chapita 8-16

The Houston Exploration Company
- Rock House 13-36
- Asphalt Wash 3-16-11-24
- Asphalt Wash 4-16-11-24
- Asphalt Wash 7-16-11-24
- Asphalt Wash 8-16-11-24
- Asphalt Wash 12-16-11-24
- Asphalt Wash 14-16-11-24
- Gusher 6-2

QEP Uinta Basin, Inc
- SC 4ML-16-10-23
- SC 5ML-16-10-23
- SC 12ML-16-10-23
- SC 14ML-16-10-23
- RW 01-36BG

XTO Energy Inc
- State of Utah 17-8-7-34
- State of Utah 17-8-15-14

If you have any questions regarding this matter please give me a call.

CC: Garrison, LaVonne; Hill, Brad; Hunt, Gil

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

September 14, 2005

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

Re: AP 1-2J Well, 700' FNL, 700' FEL, NE NE , Sec. 2, T. 11 South, R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37041.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Dominion Exploration & Production, Inc.
Well Name & Number AP 1-2J
API Number: 43-047-37041
Lease: ML-36213

Location: NE NE **Sec.** 2 **T.** 11 South **R.** 19 East

Conditions of Approval

1. **General**
   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. **Notification Requirements**
   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
   - 24 hours prior to cementing or testing casing
   - 24 hours prior to testing blowout prevention equipment
   - 24 hours prior to spudding the well
   - within 24 hours of any emergency changes made to the approved drilling program
   - prior to commencing operations to plug and abandon the well

   The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):
   - Dan Jarvis at (801) 538-5338
   - Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**
   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

7. Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to ±3700' MD as indicated in the submitted drilling plan.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 36213
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: AP 1-2J
9. API NUMBER: 43-047-37041
10. FIELD AND POOL, OR WILDCAT: Natural Buttes

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER CONFIDENTIAL
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134 PHONE NUMBER: (405) 749-1300
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 700' FNL & 700' FEL COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 11S 19E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Extension of APD
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The state APD for this well expires September 14, 2006. Dominion is hereby requesting a one year extension.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 09-25-06
By: [signature]

NAME (PLEASE PRINT) Carla Christian TITLE Sr. Regulatory Specialist
SIGNATURE Carla Christian DATE 8/28/2006

(This space for State use only)

9/27/06
RM

RECEIVED
AUG 31 2006
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

RESET

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-37041
Well Name: AP 1-2J
Location: Section 2-11S-19E, 700' FNL & 700' FEL
Company Permit Issued to: Dominion Exploration & Production, Inc.
Date Original Permit Issued: 9/14/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐ No☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐ No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐ No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐ No☑

Has the approved source of water for drilling changed? Yes☐ No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐ No☑

Is bonding still in place, which covers this proposed well? Yes☑ No☐

Carla Christian
Signature

8/28/2006
Date

Title: Sr. Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

RECEIVED
AUG 31 2006
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **DOMINION EXPL & PROD INC**

Well Name: **AP 1-2J**

Api No: **43-047-37041** Lease Type: **STATE**

Section **02** Township **11S** Range **19E** County **UINTAH**

Drilling Contractor **BILL JR'S** RIG # **6**

SPUDDED:

Date **01/04/07**

Time **4:00 AM**

How **DRY**

Drilling will Commence:

Reported by **PAT WISENER**

Telephone # **(435) 828-1455**

Date **01/04/2007** **Signed** **CHD**

CONFIDENTIAL

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 36213

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: AP 1-2J

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.

9. API NUMBER: 43-047-37041

3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134

PHONE NUMBER: (405) 749-5237

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 700' FNL & 700' FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 11S 19E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change TD
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Dominion request permission to change TD from 9,500' to 10,000'. See attached new drilling plan.

1-9-07
RM

NAME (PLEASE PRINT) Barbara Lester TITLE Regulatory Specialist

SIGNATURE Barbara Lester DATE 1/3/2007

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 1/8/07
BY:

(5/2000) (See Instructions on Reverse Side)

RECEIVED
JAN 03 2007
DIV. OF OIL, GAS & MINING

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:	Dominion Exploration & Production
Address:	14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134
Well Location:	**AP 1-2J** 700' FNL & 700' FEL Section 2-11S-19E Uintah County, UT

1. GEOLOGIC SURFACE FORMATION — Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

Formation	Depth
Wasatch Tongue	3,825'
Uteland Limestone	4,155'
Wasatch	4,295'
Chapita Wells	5,195'
Uteland Buttes	6,325'
Mesaverde	7,170'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

Formation	Depth	Type
Wasatch Tongue	3,825'	Oil
Uteland Limestone	4,155'	Oil
Wasatch	4,295'	Gas
Chapita Wells	5,195'	Gas
Uteland Buttes	6,325'	Gas
Mesaverde	7,170'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	Size	Weight	Grade	Conn.	Top	Bottom	Hole
Surface	8-5/8"	32.0 ppf	J-55	STC	0'	2,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	10,000'	7-7/8"

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 1,700' to 2,000'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 2,000'±.

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized. Air foam mist, rotating head and diverter system will be utilized.
Production hole: Prior to drilling out the surface casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS
   - An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
   - KCL mud system will be used to drill well.
   - The mud system will be monitored manually/visually.

Depths	Mud Weight (ppg)	Mud System
0' – 2,000'	8.4	Air foam mist, rotating head and diverter
2,000' – 10,000'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE
   - An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
   - A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
   - "Target tee" connections will be a minimum of 50' from wellhead.
   - The blooie line discharge will be a minimum of 80' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED
   a. Kelly cock.
   b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED
   - A drillstem test in the Wasatch Tongue is possible.
   - One electric line wire-log will be run from total depth to surface casing.
   - The gamma ray will be left on to record from total depth to surface casing.
   - Other log curves (resistivities, porosity, and caliper) will record from total depth to surface casing.
   - A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED
    - Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
    - No abnormal temperature or pressures are anticipated.
    - The formations to be penetrated do not contain known H2S gas.

11. WATER SUPPLY
    - No water pipelines will be laid for this well.
    - No water well will be drilled for this well.
    - Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
    - Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

- Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation zone).
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 8 centralizers.
- Cement the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	219	0'–1,500'	11.0 ppg	3.82 CFS	619 CF	836 CF
Tail	236	1,500'–2,000'	15.6 ppg	1.18 CFS	206 CF	279 CF
Top Out	100	0'-200'	15.6 ppg	1.18 CFS	87 CF	118 CF

Surface design volumes based on 35% excess of gauge hole.

Lead Mix: Halliburton Premium Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite.
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.
Water requirement: 22.95 gal/sack

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.
Water requirement: 5.2 gal/sack

Top Out: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.
Water requirement: 5.2 gal/sack

c. Production Casing Cement:

- Drill 7-7/8" hole to 10,000'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	90	3,495'–4,295'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	1130	4,295'–10,000'	13.0 ppg	1.75 CFS	988 CF	1977 CF

Production design volumes are estimates based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch + 15% excess.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: May 3, 2007
Duration: 14 Days

Well name:	**09-05 Dominion AP 1-2Jrev.**
Operator:	**Dominion Exploration & Production, Inc.**
String type:	Production
Project ID:	43-047-37041
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,268 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 4,468 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

2268 psi w/0.22 internal grad.

Tension: 3M Proposed csg.
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 8,696 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 215 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 2,001 ft

Completion type is subs
Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	10000	5.5	17.00	Mav-80	LT&C	10000	10000	4.767	1305.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4468	6290	1.408 ✓	4468	7740	1.73 ✓	148	273	1.85 B ✓

Prepared by: Dustin K. Doucet, Div of Oil,Gas & Minerals
Phone: 801-538-5281
FAX: 801-359-3940
Date: January 8,2007
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 10000 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

09-05 Dominion AP 1-2Jrev.

Casing Schematic

w/15% washout

✓ o.k.

DKD

1/8/07

14000 Quail Springs Parkway, Suite 600
Oklahoma City, Oklahoma 73134

Fax

To:	Dustin Doucet, State of Utah	**From:**	Barbara Lester
Fax:	801-359-3940	**Phone:**	405-749-5237 **FAX:** 405-749-6690
Phone:	801-538-5281	**Pages:**	5 (including cover sheet)
Re:	AP 1-2J Sundry Approval	**Date:**	1/3/2007

X **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

• **Comments:**

Dustin,

Please call with verbal approval as soon as possible. Dominion is requesting to change the TD from 9,500' to 10,000'. New drilling plan is attached. They are moving on the well Friday (1-5-07).

Thank you very much,
Barbara
405-749-5237

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Dominion Exploration & Production, Inc.

Operator Account Number: N 1095

Address: 14000 Quail Springs Parkway, Suite 600

city Oklahoma City

state OK zip 73134

Phone Number: (405) 749-5237

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-37041	AP 1-2J		NENE	2	11S	19E	Uintah
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	15882	1/4/2007			1/18/07	
Comments: MVRD CONFIDENTIAL							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
Comments:							

ACTION CODES:

- **A** - Establish new entity for new well (single well only)
- **B** - Add new well to existing entity (group or unit well)
- **C** - Re-assign well from one existing entity to another existing entity
- **D** - Re-assign well from one existing entity to a new entity
- **E** - Other (Explain in 'comments' section)

Barbara Lester
Name (Please Print)

Barbara Lester
Signature

Regulatory Specialist
Title

1/18/2007
Date

(5/2000)

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FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 36213

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: AP 1-2J

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.

9. API NUMBER: 43-047-37041

3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134

PHONE NUMBER: (405) 749-5237

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 700' FNL & 700' FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 11S 19E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Spud well
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1/4/07 - Spud well. Ran 52 jts 8 5/8", 32#, J-55 ST&C csg set @ 2192. Cement lead w/250 sks Hi-Fill "V". Tailed w/225 sks Class "G" 15.8 ppg, 1.15 yld w/no returns. Tailed w/150 sks Class "G", 15.8 ppg, 1.15 yld w/no returns. Wait 1 1/2 hrs & repeat 5 times w/150 sks Class "G", 15.8 ppg, 1.15 yld w/no returns for a total of 900 sks top off. W/returns las 50 sks. 10 bbls cement to surface & stayed.

NAME (PLEASE PRINT) Barbara Lester TITLE Regulatory Specialist

SIGNATURE Barbara Lester DATE 1/18/2007

(This space for State use only)

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(5/2000) (See Instructions on Reverse Side)

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Sent :	2/7/2007 at 3:27:26 PM	**Pages :**	3 (including Cover)
Subject :	AP 1-2J		

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43-047-37041
21S 19E

CONFIDENTIAL

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FEB 07 2007

DIV. OF OIL, GAS & MINING

WELL CHRONOLOGY REPORT

WELL NAME : AP 1-2J Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 700' FNL 700' FEL SEC 2 T 11S R 19E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0700211 API # : 43-047-37041 PLAN DEPTH :9,500 SPUD DATE : 01/04/07

DHC : $630,560 CWC : $740,710 AFE TOTAL : $1,371,270 FORMATION : WASATCH/MESAVERDE

EVENT DC: $1,187,088.25 EVENT CC: $0.00 EVENT TC: $1,187,088.25 WELL TOTL COST: $1,187,088

REPORT DATE: 01/30/07 MD : 9,104 TVD : 9,093 DAYS : 9 MW :9.1 VISC : 39

DAILY : DC : $37,465.00 CC : $0.00 TC : $37,465.00 CUM : DC: $682,748.00 CC : $0.00 TC : $682,748.00

DAILY DETAILS : DRILLED F/ 9093' KB TO 9104' KB. TOOH FOR BIT TRIP. LD OLD MUD MOTOR & BIT. PU NEW MUD MOTOR & BIT. TIH W/ BHA. CUT & SLIP 16 WRAPS OF DRILL LINE. REPLACE RIG BRAKES. WORK ON #1 MUD PUMP MOTOR.

REPORT DATE: 01/31/07 MD : 9,274 TVD : 9,260 DAYS : 10 MW :9.1 VISC : 48

DAILY : DC : $33,950.00 CC : $0.00 TC : $33,950.00 CUM : DC: $716,698.00 CC : $0.00 TC : $716,698.00

DAILY DETAILS : TIH TO 5000' KB & CIRCULATE. REPAIR #1 MUD PUMP MOTOR. FINISH TRIPPING IN HOLE TO 9104' KB. DRILLED F/ 9104' KB TO 9115' KB. BOP TEST & DRILL. CIRCULATE & REPAIR #2 MUD PUMP. DRILLED F/ 9115' KB TO 9274' KB.

REPORT DATE: 02/01/07 MD : 9,290 TVD : 9,276 DAYS : 11 MW :9.7 VISC : 36

DAILY : DC : $42,826.00 CC : $0.00 TC : $42,826.00 CUM : DC: $759,524.00 CC : $0.00 TC : $759,524.00

DAILY DETAILS : DRILLED F/ 9274' KB TO 9290' KB. TOOH FOR BIT TRIP. TIH W/ NEW BIT. BIT STUCK @ 9133' KB. CALLED FOR SURFACE JARS & FREE POINT TRUCK. WORKING PIPE WITH RIG WILL WAITING FOR JARS. RU JARS PIPE MOVING.

REPORT DATE: 02/02/07 MD : 9,516 TVD : 9,502 DAYS : 12 MW :9.5 VISC : 51

DAILY : DC : $43,821.91 CC : $0.00 TC : $43,821.91 CUM : DC: $803,345.91 CC : $0.00 TC : $803,345.91

DAILY DETAILS : JAR STUCK BIT FREE WITH SURFACE JARS. REAM 6 JTS. DRILLED F/ 9290' KB TO 9464' KB. #1 MUD PUMP MOTOR DIED FOR NO REASON WHEN DRILLING. ALMOST GOT STUCK WITH #2 PUMP ON HOLE BY ITSELF WHEN #1 PUMP DIED. DRILLED F/ 9464' KB TO 9505' KB. WORK ON #2 MUD PUMP. CIRCULATE W/ #1 MUD PUMP. CAN'T TRUST #1 MUD PUMP TO KEEP RUNNING. DRILLED F/ 9508' KB TO 9516' KB. WORK ON #1 & #2 MUD PUMP. CIRCULATE W/ #1 PUMP. NOTE #1 MUD PUMP DOWN 1/2 HR WITH NO PUMPS ON THE HOLE & PIPE IN THE HOLE. CAN'T TRUST #2 PUMP END & #1 MUD PUMP ENGINE!!!

REPORT DATE: 02/03/07 MD : 9,673 TVD : 9,659 DAYS : 13 MW :9.8 VISC : 36

DAILY : DC : $34,740.00 CC : $0.00 TC : $34,740.00 CUM : DC: $838,085.91 CC : $0.00 TC : $838,085.91

DAILY DETAILS : DRILLED F/ 9516' KB TO 9621' KB W/ ONLY #1 MUD PUMP. #2 MUD PUMP DOWN W/ PUMP PROBLEMS. SERVICE RIG. DRILLED F/ 9621' KB TO 9673' KB. W/ ONLY #1 MUD PUMP. #2 MUD PUMP DOWN W/ PUMP PROBLEMS. #2 PUMP HAS BEEN DOWN FOR 30.5 HRS.

REPORT DATE: 02/04/07 MD : 9,811 TVD : 9,797 DAYS : 14 MW :9.5 VISC : 35

DAILY : DC : $35,170.00 CC : $0.00 TC : $35,170.00 CUM : DC: $873,255.91 CC : $0.00 TC : $873,255.91

DAILY DETAILS : DRILLED F/ 9673' KB TO 9811' KB. TD @ 9811' KB @ 3:00 P.M. (1500 HRS) 2/3/2007. CIRCULATE & CONDITION MUD TO 10.0# & 38 VIS. PUMP PILL & TOOH. SHORT TRIPS F/ 8866' KB TO 9811' KB & 2100' TO 5000' KB. RU & RUN OPEN HOLE LOGS.

REPORT DATE: 02/05/07 MD : 9,810 TVD : 9,796 DAYS : 15 MW :9.9 VISC : 39

DAILY : DC : $42,989.07 CC : $0.00 TC : $42,989.07 CUM : DC: $916,244.98 CC : $0.00 TC : $916,244.98

DAILY DETAILS : RUN IN W/ OPEN HOLE LOGS TO 4925' KB. HIT BRIDGE. RD & RELEASE OPEN HOLE LOGGERS. TIH TO 9810' KB. CIRCULATE & CONDITION MUD TO 10.2+# 42 VIS MUD. TOOH FOR OPEN HOLE LOGS. RU & RUN OPEN HOLE LOGS. LOGGERS NEW TD 9810' KB.

Dominion

WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : AP 1-2J Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 700' FNL 700' FEL SEC 2 T 11S R 19E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0700211 API # : 43-047-37041 PLAN DEPTH :9,500 SPUD DATE : 01/04/07

DHC : $630,560 CWC : $740,710 AFE TOTAL : $1,371,270 FORMATION : WASATCH/MESAVERDE

EVENT DC: $1,187,088.25 EVENT CC: $0.00 EVENT TC: $1,187,088.25 WELL TOTL COST: $1,187,088

REPORT DATE: 02/06/07 MD : 9,810 TVD : 9,796 DAYS : 16 MW :10.1 VISC : 39

DAILY : DC : $35,735.00 CC : $0.00 TC : $35,735.00 CUM : DC: $951,979.98 CC : $0.00 TC : $951,979.98

DAILY DETAILS : RUN OPEN HOLE LOGS. TIH W/ BHA. CUT & SLIP 20 WRAPS OF DRILL LINE. TIH TO 9810' KB. CIRCULATE. TOOH LD PIPE & BHA. RU & RUN CASING. RUN 230 JOINTS & TWO 10' MARKER JOINTS OF 5.50", 17.0#, MAV-80, LTC, NEW CASING TO 9778.97' KB MD, TOP OF FC @ 9733.74' KB, 0600 HRS 2/6/07.

REPORT DATE: 02/07/07 MD : 9,810 TVD : 9,796 DAYS : 17 MW : VISC :

DAILY : DC : $235,108.27 CC : $0.00 TC : $235,108.27 CUM : DC: $1,187,088.25 CC : $0.00 TC : $1,187,088.25

DAILY DETAILS : RU HALLIBURTON & CEMENT 5.500" CSG W/ 65 SKS OF LEAD CEMENT PREMIUM PLUS V BLEND. ADDITIVES; 16% GEL, .6% EX-1, 3% SALT (BWOC), 1% HR-7, .25# / SK. POLYFLAKE, 10# GILSONITE. WEIGHT (LB/GAL) 11.60, YIELD (CUFT/SK) 3.12, WATER (GAL/SK) 17.83. TAIL CEMENT; 831 SKS OF HLC-TYPE V BLEND. ADDITIVES; 65% CEMENT, 35% POZ, 6% GEL, 3% KCL (BWOW), 1% EX-1, .6% HALAD-322, .2% HR-5. WEIGHT (LB/GAL) 13.00, YIELD (CUFT/SK) 1.75, WATER (GAL/SK) 9.06. DISPLACE W/ 230.84 BBLS 2% KCL. FINISHED CEMENTING @ 1000 HRS 2/6/2007. CLEAN PITS. RIG RELEASED @ 1400 HRS 2/6/07. RIG DOWN RIG.

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To :	**Utah Division of Oil, Gas & Mining**	**From :**	g
Sent :	2/14/2007 at 3:05:00 PM	**Pages :**	4 (including Cover)
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43-047-37041
2 11s 19e

Dominion

WELL CHRONOLOGY REPORT

WELL NAME : AP 1-2J Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 700' FNL 700' FEL SEC 2 T 11S R 19E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0700211 API # : 43-047-37041 PLAN DEPTH :9,500 SPUD DATE : 01/04/07

DHC : $630,560 CWC : $740,710 AFE TOTAL : $1,371,270 FORMATION : WASATCH/MESAVERDE

EVENT DC: $1,187,088.25 EVENT CC: $418,541.00 EVENT TC: $1,605,629.25 WELL TOTL COST: $1,605,629

REPORT DATE: 02/07/07 MD : 9,810 TVD : 9,796 DAYS : 17 MW : VISC :

DAILY : DC : $235,108.27 CC : $0.00 TC : $235,108.27 CUM : DC: $1,187,088.25 CC : $0.00 TC : $1,187,088.25

DAILY DETAILS : RU HALLIBURTON & CEMENT 5.500" CSG W/ 65 SKS OF LEAD CEMENT PREMIUM PLUS V BLEND. ADDITIVES; 16% GEL, .6% EX-1, 3% SALT (BWOC), 1% HR-7, .25# / SK. POLYFLAKE, 10# GILSONITE. WEIGHT (LB/GAL) 11.60, YIELD (CUFT/SK) 3.12, WATER (GAL/SK) 17.83. TAIL CEMENT; 831 SKS OF HLC-TYPE V BLEND. ADDITIVES; 65% CEMENT, 35% POZ, 6% GEL, 3% KCL (BWOW), 1% EX-1, .6% HALAD-322, .2% HR-5. WEIGHT (LB/GAL) 13.00, YIELD (CUFT/SK) 1.75, WATER (GAL/SK) 9.06. DISPLACE W/ 230.84 BBLS 2% KCL. FINISHED CEMENTING @ 1000 HRS 2/6/2007. CLEAN PITS. RIG RELEASED @ 1400 HRS 2/6/07. RIG DOWN RIG.

REPORT DATE: 02/10/07 MD : 9,810 TVD : 9,796 DAYS : 18 MW : VISC :

DAILY : DC : $0.00 CC : $18,793.00 TC : $18,793.00 CUM : DC: $1,187,088.25 CC : $18,793.00 TC : $1,205,881.25

DAILY DETAILS : MIRU SCHLUMBERGER WIRE LINE AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1500# PRESSURE FROM W.L. PBTD @ 9722' KB TO 2800' KB, FOUND CMT TOP @ 3050' KB. POOH W/ WIRE LINE, AND PRESSURE TESTED CSG TO 5000 PSI, HELD GOOD. RIH AND PERFORATED STAGE #1, SHUT WELL IN, RDMO WIRE LINE AND HOT OILIER. WAIT ON FRAC DATE.

Dominion

WELL CHRONOLOGY REPORT

WELL NAME : AP 1-2J Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 700' FNL 700' FEL SEC 2 T 11S R 19E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0700211 API # : 43-047-37041 PLAN DEPTH : 9,500 SPUD DATE : 01/04/07

DHC : $630,560 CWC : $740,710 AFE TOTAL : $1,371,270 FORMATION : WASATCH/MESAVERDE

EVENT DC: $1,187,088.25 EVENT CC: $418,541.00 EVENT TC: $1,605,629.25 WELL TOTL COST: $1,605,629

REPORT DATE: 02/13/07 MD : 9,810 TVD : 9,796 DAYS : 19 MW : VISC :

DAILY : DC : $0.00 CC : $57,162.00 TC : $57,162.00 CUM : DC: $1,187,088.25 CC : $75,955.00 TC : $1,263,043.25

DAILY DETAILS : 02-12-2007 AP 1-2J. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Fraced interval #1, 9422-26', 9456-69', 9676-82', 2 spf, 49 holes, w/ 54,309# 20/40 PR6000 sand. Pumped frac at an avg rate of 37.7 bpm, using 344.9 mscf of N2 and 699 bbls of fluid. Avg surface treating pressure was 4991 psi w/ sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.
4192 gallons Pad YF120ST/N2 gel.
3537 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.
4220 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.
4218 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.
4028 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.
9179 gallons WF110 slick water flush.
Total frac fluid pumped 699 bbls. N2 was cut during flush. RIH and set 8K frac plug @ 9380', perforate interval # 2 @ 9162-76', 9196-9200', 9206-14', 9220-26', 9232-44', 9248-62', 9306-14', 9334-44', 1 spf, 84 holes. Fraced interval #2 w/ 106,317# 20/40 PR6000 sand. Pumped frac at an avg rate of 42.4 bpm, using 549.1 mscf of N2 and 1088 bbls of fluid. Avg surface treating pressure was 4467 psi w/ sand concentrations stair stepping from 1.0 ppg to 5.0 ppg.
7685 gallons Pad YF120ST/N2 gel.
3527 gallons pumped YF120ST/N2 @ 1.0 ppg sand concentration.
4924 gallons pumped YF120ST/N2 @ 2.0 ppg sand concentration.
5638 gallons pumped YF120ST/N2 @ 3.0 ppg sand concentration.
5616 gallons pumped YF120ST/N2 @ 4.0 ppg sand concentration.
5267 gallons pumped YF120ST/N2 @ 5.0 ppg sand concentration.
8957 gallons WF110 slick water flush.
Total frac fluid pumped 1088 bbls. N2 was cut during flush. RIH and set 8K frac plug @ 9150', perforate interval # 3 @ 9042-50', 9062-68', 1 spf, 9070-82', 2 spf, 9085-95', 9107-12', 1 spf, 52 holes. Fraced interval #3 w/ 62,511# 20/40 PR6000 sand. Pumped frac at an avg rate of 27.2 bpm, using 422.8 mscf of N2 and 884 bbls of fluid. Avg surface treating pressure was 4501 psi w/ sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.
6423 gallons Pad YF120ST/N2 gel.
3577 gallons pumped YF120ST/N2 @ 1.0 ppg sand concentration.
4226 gallons pumped YF120ST/N2 @ 2.0 ppg sand concentration.
4919 gallons pumped YF120ST/N2 @ 3.0 ppg sand concentration.
4948 gallons pumped YF120ST/N2 @ 4.0 ppg sand concentration.
8770 gallons WF110 slick water flush.
Total frac fluid pumped 884 bbls. N2 was cut during flush. Shut well in overnight, prep to finish in the morning.

Dominion

WELL CHRONOLOGY REPORT

WELL NAME : AP 1-2J Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 700' FNL 700' FEL SEC 2 T 11S R 19E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0700211 API # : 43-047-37041 PLAN DEPTH :9,500 SPUD DATE : 01/04/07

DHC : $630,560 CWC : $740,710 AFE TOTAL : $1,371,270 FORMATION : WASATCH/MESAVERDE

EVENT DC: $1,187,088.25 EVENT CC: $418,541.00 EVENT TC: $1,605,629.25 WELL TOTL COST: $1,605,629

REPORT DATE: 02/14/07 MD : 9,810 TVD : 9,796 DAYS : 20 MW : VISC :

DAILY : DC : $0.00 CC : $342,586.00 TC : $342,586.00 CUM : DC: $1,187,088.25 CC : $418,541.00 TC : $1,605,629.25

DAILY DETAILS : 02-13-2007 AP 1-2J W/ SCHLUMBERGER rigged up, RIH and set frac plug @ 8110', perforate interval #4 @ 7726-50', 1 spf, 7767-74', 7974-82', 2 spf, 57 holes. Fraced interval #4, w/ 86,964# 20/40 Ottawa sand. Pumped frac at an avg rate of 37.7 bpm, using 297.3 mscf of N2 and 705 bbls of fluid. Avg surface treating pressure was 4641 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.
4192 gallons Pad YF120ST/N2 gel.
2847 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.
2817 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.
2819 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.
3518 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.
3564 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.
7461 gallons WF110 slick water flush.
Total frac fluid pumped 705 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 6350', perforate interval # 5 @ 5990-98', 6193-6202', 3 spf, 53 holes. Fraced interval #5 w/ 40,134# 20/40 PR6000 sand. Pumped frac at an avg rate of 33 bpm, using 141 mscf of N2 and 453 bbls of fluid. Avg surface treating pressure was 3170 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.
3499 gallons Pad YF115ST/N2 gel.
2198 gallons pumped YF115ST/N2 @ 2.0 ppg sand concentration.
2834 gallons pumped YF115ST/N2 @ 4.0 ppg sand concentration.
2700 gallons pumped YF115ST/N2 @ 6.0 ppg sand concentration.
5816 gallons WF110 slick water flush.
Total frac fluid pumped 453 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 5900', perforate interval # 6 @ 5660-69', 6 spf, 55 holes. Fraced interval #3 w/ 23,253# 20/40 Ottawa sand. Pumped frac at an avg rate of 23.8 bpm, using 139.4 mscf of N2 and 330 bbls of fluid. Avg surface treating pressure was 2787 psi w/ sand concentrations stair stepping from 2.0 ppg to 5.0 ppg.
2797 gallons Pad YF115ST/N2 gel.
1786 gallons pumped YF115ST/N2 @ 2.0 ppg sand concentration.
1764 gallons pumped YF115ST/N2 @ 3.0 ppg sand concentration.
1857 gallons pumped YF115ST/N2 @ 5.0 ppg sand concentration.
4015 gallons WF110/N2 slick water flush.
Total frac fluid pumped 330 bbls. N2 was not cut during flush. Opened well to the pit on a 12/64 choke. Truned well over to production.

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Sent :	2/21/2007 at 2:04:38 PM	**Pages :**	3 (including Cover)
Subject :	AP 1-2J		

43-047-37041
2 11S 19E

WELL CHRONOLOGY REPORT

WELL NAME : AP 1-2J Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 700' FNL 700' FEL SEC 2 T 11S R 19E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0700211 API # : 43-047-37041 PLAN DEPTH :9,500 SPUD DATE : 01/04/07

DHC : $630,560 CWC : $740,710 AFE TOTAL : $1,371,270 FORMATION : WASATCH/MESAVERDE

EVENT DC: $1,187,088.25 EVENT CC: $418,541.00 EVENT TC: $1,605,629.25 WELL TOTL COST: $1,722,494

REPORT DATE: 02/14/07 MD : 9,810 TVD : 9,796 DAYS : 20 MW : VISC :

DAILY : DC : $0.00 CC : $342,586.00 TC : $342,586.00 CUM : DC: $1,187,088.25 CC : $418,541.00 TC : $1,605,629.25

DAILY DETAILS : 02-13-2007 AP 1-2J W/ SCHLUMBERGER rigged up, RIH and set frac plug @ 8110', perforate interval #4 @ 7726-50', 1 spf, 7767-74', 7974-82', 2 spf, 57 holes. Fraced interval #4, w/ 86,964# 20/40 Ottawa sand. Pumped frac at an avg rate of 37.7 bpm, using 297.3 mscf of N2 and 705 bbls of fluid. Avg surface treating pressure was 4641 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.
4192 gallons Pad YF120ST/N2 gel.
2847 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.
2817 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.
2819 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.
3518 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.
3564 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.
7461 gallons WF110 slick water flush.
Total frac fluid pumped 705 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 6350', perforate interval # 5 @ 5990-98', 6193-6202', 3 spf, 53 holes. Fraced interval #5 w/ 40,134# 20/40 PR6000 sand. Pumped frac at an avg rate of 33 bpm, using 141 mscf of N2 and 453 bbls of fluid. Avg surface treating pressure was 3170 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.
3499 gallons Pad YF115ST/N2 gel.
2198 gallons pumped YF115ST/N2 @ 2.0 ppg sand concentration.
2834 gallons pumped YF115ST/N2 @ 4.0 ppg sand concentration.
2700 gallons pumped YF115ST/N2 @ 6.0 ppg sand concentration.
5816 gallons WF110 slick water flush.
Total frac fluid pumped 453 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 5900', perforate interval # 6 @ 5660-69', 6 spf, 55 holes. Fraced interval #3 w/ 23,253# 20/40 Ottawa sand. Pumped frac at an avg rate of 23.8 bpm, using 139.4 mscf of N2 and 330 bbls of fluid. Avg surface treating pressure was 2787 psi w/ sand concentrations stair stepping from 2.0 ppg to 5.0 ppg.
2797 gallons Pad YF115ST/N2 gel.
1786 gallons pumped YF115ST/N2 @ 2.0 ppg sand concentration.
1764 gallons pumped YF115ST/N2 @ 3.0 ppg sand concentration.
1857 gallons pumped YF115ST/N2 @ 5.0 ppg sand concentration.
4015 gallons WF110/N2 slick water flush.
Total frac fluid pumped 330 bbls. N2 was not cut during flush. Opened well to the pit on a 12/64 choke. Truned well over to production.

REPORT DATE: 02/15/07 MD : 9,810 TVD : 9,796 DAYS : 21 MW : VISC :

DAILY : DC : $0.00 CC : $0.00 TC : $0.00 CUM : DC: $1,187,088.25 CC : $418,541.00 TC : $1,605,629.25

DAILY DETAILS : OPEN WELL TO PIT ON 12/64 CHOKE @11 :30 AM FCP 2600 PSI TOTAL FLUID PUMPED 4149 BBLS

REPORT DATE: 02/16/07 MD : 9,810 TVD : 9,796 DAYS : 22 MW : VISC :

DAILY : DC : $0.00 CC : $0.00 TC : $0.00 CUM : DC: $1,187,088.25 CC : $418,541.00 TC : $1,605,629.25

DAILY DETAILS : FLOWING TO PIT ON 12/64 CHOKE FCP 2060 PSI FLOWED BACK 1097 BBLS FLUID CHANGED 18/64 CHOKE

REPORT DATE: 02/17/07 MD : 9,810 TVD : 9,796 DAYS : 23 MW : VISC :

DAILY : DC : $0.00 CC : $0.00 TC : $0.00 CUM : DC: $1,187,088.25 CC : $418,541.00 TC : $1,605,629.25

DAILY DETAILS : FLOW REPORT WELL TO SALES 15 HRS. MADE 1044 MCF, FCP 1468, SLP 79, 0 OIL, 331 WTR. 18/64 CHOKE LEFT WELL SAME.

Dominion

WELL CHRONOLOGY REPORT

WELL NAME : AP 1-2J Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 700' FNL 700' FEL SEC 2 T 11S R 19E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0700211 API # : 43-047-37041 PLAN DEPTH :9,500 SPUD DATE : 01/04/07

DHC : $630,560 CWC : $740,710 AFE TOTAL : $1,371,270 FORMATION : WASATCH/MESAVERDE

EVENT DC: $1,187,088.25 EVENT CC: $418,541.00 EVENT TC: $1,605,629.25 WELL TOTL COST: $1,722,494

REPORT DATE: 02/18/07 MD : 9,810 TVD : 9,796 DAYS : 24 MW : VISC :

DAILY : DC : $0.00 CC : $0.00 TC : $0.00 CUM : DC: $1,187,088.25 CC : $418,541.00 TC : $1,605,629.25

DAILY DETAILS : WELL TO SALES 24 HRS MADE 1931 MCF FCP 1327 SLP 84 42 OIL 167 WTR 18/64 CHOKE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 36213

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER: AP 1-2J

9. API NUMBER: 43-047-37041

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.

3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134 PHONE NUMBER: (405) 749-5237

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 700' FNL & 700' FEL COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 11S 19E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Drilling Operations
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

2/6/07 - Ran 230 jts 5-1/2", 17# MAV-80, L&TC csg set @ 9779'. Cement lead w/65 sks Premium Plus V, 11.6 ppg, 3.12 yld. Tail cement w/831 sks HLC-Type V, 13.0 ppg, 1.75 yld. Clean pits. Rig released.

NAME (PLEASE PRINT) Barbara Lester TITLE Regulatory Specialist

SIGNATURE Barbara Lester DATE 2/19/2007

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FACSIMILE COVER PAGE

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To :	**Utah Division of Oil, Gas & Mining**	**From :**	g
Sent :	2/28/2007 at 3:47:02 PM	**Pages :**	2 (including Cover)
Subject :	AP 1-2J		

43-047-37041
2 11s 19e

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FEB 2 8 2007
DIV. OF OIL, GAS & MINING

Page: 1

Dominion

WELL CHRONOLOGY REPORT

WELL NAME : AP 1-2J Event No: 1

DISTRICT : WESTERN FIELD : NATURAL BUTTES 630 LOCATION : 700' FNL 700' FEL SEC 2 T 11S R 19E

COUNTY & STATE : UINTAH UT CONTRACTOR :

WI % : 100.00 AFE # : 0700211 API # : 43-047-37041 PLAN DEPTH :9,500 SPUD DATE : 01/04/07

DHC : $630,560 CWC : $740,710 AFE TOTAL : $1,371,270 FORMATION : WASATCH/MESAVERDE

EVENT DC: $1,187,088.25 EVENT CC: $418,541.00 EVENT TC: $1,605,629.25 WELL TOTL COST: $1,722,494

REPORT DATE: 02/18/07 MD : 9,810 TVD : 9,796 DAYS : 24 MW : VISC :

DAILY : DC : $0.00 CC : $0.00 TC : $0.00 CUM : DC: $1,187,088.25 CC : $418,541.00 TC : $1,605,629.25

DAILY DETAILS : WELL TO SALES 24 HRS MADE 1931 MCF FCP 1327 SLP 84 42 OIL 167 WTR 18/64 CHOKE

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DIVISION OF OIL, GAS AND MINING

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FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 36213

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: AP 1-2J

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.

9. API NUMBER: 43-047-37041

3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134

PHONE NUMBER: (405) 749-5237

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 700' FNL & 700' FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 11S 19E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: First Sales
_____	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

2/12/07 - Perf & Frac
2/13/07 - Perf & Frac
2/15/07 - First Sales

NAME (PLEASE PRINT) Barbara Lester TITLE Regulatory Specialist

SIGNATURE Barbara Lester DATE 3/7/2007

(This space for State use only)

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-36213

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME:

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: AP 1-2J

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc., 14000 Quail Springs Parkway,

9. API NUMBER: 43-047-37041

3. ADDRESS OF OPERATOR: Suite 600 CITY Oklahoma City STATE OK ZIP 73170

PHONE NUMBER: (405) 749-1300

10 FIELD AND POOL, OR WILDCAT: Natural Buttes

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 700' FNL & 700' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

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APR 19 2007
DIV. OF OIL, GAS & MINING

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 11S 19E

12. COUNTY: Uintah

13. STATE: UTAH

14. DATE SPUDDED: 1/4/2007

15. DATE T.D. REACHED: 2/3/2007

16. DATE COMPLETED: 2/15/2007 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5429' GL

18. TOTAL DEPTH: MD 9,811 TVD

19. PLUG BACK T.D.: MD 9,722 TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

Platform Express, Compensated Neutron/LithoDensity
High Resolution Laterolog Array, Cmt Bond Log

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☑ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4"	8 5/8"	J-55 32#	Surface	2,192		1375 Sx		CIR	
7 7/8"	5 1/2" M-80	17#	Surface	9,779		896 Sx		CBL 3,050'	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B) See Attachment				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
	See Attachment

29. ENCLOSED ATTACHMENTS:

☑ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Producing

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
2/15/2007		4/9/2007		24			18	807	10	Flowing
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
48		153			1;44,833		18	807	10	Producing

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Wasatch Tongue	3,774
				Uteland Limestone	4,125
				Wasatch	4,274
				Chapita Wells	5,127
				Uteland Buttes	6,230
				Mesaverde	7,152

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Carla Christian TITLE Supervisor, Regulatory Reports

SIGNATURE Carla Christian DATE 4/17/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

AP 1-2J Perforation's & Frac's

Interval #1	Mesaverde	9422 - 26	
		9456 – 69	
		9676 – 82	49 holes

Frac w/54,309# 20/40 PR6000 sd., w/344.9 mscf of N2 and 699 bbls of YF12OST.

Interval #2	Mesaverde	9162 – 76	
		9196 – 00	
		9206 – 14	
		9220 – 26	
		9232 – 44	
		9248 – 62	
		9306 – 14	
		9334 - 44	84 holes

Frac w/106,317# 20/40 PR6000 sd., w/549.1 mscf of N2 and 1088 bbls of YF120ST

Interval #3	Mesaverde	9042 – 50	
		9062 – 68	
		9070 – 82	
		9085 – 95	
		9107 - 12	52 holes

Frac w/62,511# 20/40 PR6000 sd., w/422.8 mscf of N2 and 884 bbls of YF120ST

Interval #4	Mesaverde	7726 – 50	
		7767 – 74	
		7974 – 82	57 holes

Frac w/86,964# 20/40 Ottawa sd., w/297.3 mscf of N2 and 705 bbls of YF120ST

Interval #5	Wasatch	5990 – 98	
		6193 – 02	53 holes

Frac w/40,134# 20/40 Ottawa sd., w/141 mscf of N2 and 453 bbls of YF115ST

Interval #6	Wasatch	5660 – 69	55 holes

Frac w/23,253# 20/40 Ottawa sd., w/139.4 mscf of N2 and 330 bbls of YF115ST

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **7/1/2007**

FROM: (Old Operator):	**TO:** (New Operator):
N1095-Dominion Exploration & Production, Inc	N2615-XTO Energy Inc
14000 Quail Springs Parkway, Suite 600	810 Houston St
Oklahoma City, OK 73134	Fort Worth, TX 76102
Phone: 1 (405) 749-1300	Phone: 1 (817) 870-2800

CA No. **Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 8/6/2007
4a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
4b. If **NO**, the operator was contacted contacted on:
5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on:
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on:
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 9/27/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 9/27/2007
3. Bond information entered in RBDMS on: 9/27/2007
4. Fee/State wells attached to bond in RBDMS on: 9/27/2007
5. Injection Projects to new operator in RBDMS on: 9/27/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000138
2. Indian well(s) covered by Bond Number: n/a
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
3b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: SEE ATTACHED

2. NAME OF OPERATOR: XTO Energy Inc. N2615

9. API NUMBER: SEE ATTACHED

3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102

PHONE NUMBER: (817) 870-2800

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

4. LOCATION OF WELL

FOOTAGES AT SURFACE: SEE ATTACHED

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
N1095

James D Abercrombie (405) 749-1300
James D. Abercrombie
Sr. Vice President, General Manager - Western Business Unit

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) Edwin S. Ryan, Jr. TITLE Sr. Vice President - Land Administration

SIGNATURE Edwin S. Ryan, Jr. DATE 7/31/2007

(This space for State use only)

APPROVED 9/27/07
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
AUG 06 2007
DIV. OF OIL, GAS & MINING

(5/2000)

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4301530633	SKYLINE U 1-6	NENE	06	160S	060E	UTU-77263	99999	Federal	GW	DRL
4304731138	RBU 11-34B	NESW	34	090S	190E	U-017713	7058	Federal	GW	P
4304731179	BARTON FED 1-26	NWSE	26	100S	190E	U-43156	8005	Federal	GW	P
4304731724	RBU 11-35B	NESW	35	090S	190E	U-017713	11502	Federal	GW	S
4304731818	WILLOW CREEK UNIT 2	SESW	05	110S	200E	U-39223	11604	Federal	GW	TA
4304731878	EVANS FED 3-25	NENW	25	100S	190E	U-43156	11106	Federal	GW	P
4304731879	EVANS FED 41-26	NENE	26	100S	190E	U-43156	11034	Federal	GW	P
4304731881	APACHE 12-25	NWSW	25	100S	190E	UTU-3405	11080	Indian	GW	P
4304731897	END OF THE RAINBOW 21-1	SWSE	21	110S	240E	U-54224	11223	Federal	GW	S
4304731922	APACHE FED 44-25	SESE	25	100S	190E	U-3405	11185	Federal	GW	S
4304732094	RBU 13-35B	SWSW	35	090S	190E	U-017713	7058	Federal	GW	S
4304732222	RBU 15-35B	SWSE	35	090S	190E	U-017713	11365	Federal	GW	S
4304732237	FEDERAL 13-26B	SWSW	26	090S	190E	UTU-68625	11370	Federal	GW	S
4304732394	EVANS FED 12-25A	SWNW	25	100S	190E	U-43156	11451	Federal	GW	P
4304732395	EVANS FED 32-26	SWNE	26	100S	190E	U-43156	11447	Federal	GW	P
4304732515	WHB 1-25E	NENE	25	100S	190E	U-73011	11720	Federal	GW	P
4304732557	FEDERAL 12-11	SWNW	11	120S	240E	UTU-66425	11761	Federal	GW	S
4304732558	FEDERAL 34-30	SWSE	30	110S	230E	UTU-66410	11747	Federal	GW	S
4304732559	FEDERAL 22-22	SENW	22	110S	230E	UTU-66409	11746	Federal	GW	P
4304732560	FEDERAL 21-27	NENW	27	100S	240E	UTU-66422	11762	Federal	GW	P
4304732600	RBU 1-21EO	NENE	21	100S	190E	U-013766	11783	Federal	OW	S
4304732681	LANDING STRIP FEDERAL 44-10	SESE	10	120S	240E	UTU-69430	11853	Federal	GW	S
4304733019	BLACK DRAGON UNIT 31-34	NWNE	34	100S	240E	UTU-66422	12280	Federal	GW	P
4304733242	FEDERAL K 23-22	NESW	22	110S	210E	UTU-75098	13107	Federal	GW	P
4304733299	FED K 12-22	SWNW	22	110S	210E	UTU-75098	13133	Federal	GW	P
4304733508	EVANS FED 15-26E	SWSE	26	100S	190E	U-3405	12767	Federal	GW	P
4304733509	EVANS FED 9-26E	NESE	26	100S	190E	UTU-3405	12749	Federal	GW	P
4304733510	EVANS FED 10-25E	NWSE	25	100S	190E	U-3405	12927	Federal	GW	P
4304733511	EVANS FED 14-25E	SESW	25	100S	190E	U-3405	12793	Federal	GW	P
4304734000	RBU 1-18E	NENE	18	100S	190E	UTU-3576	14549	Federal	GW	P
4304734669	EVANS FED 4-25E	NENE	26	100S	190E	U-43156	13588	Federal	GW	P
4304734887	EVANS FED 2-26E	NWNE	26	100S	190E	U-43156	13830	Federal	GW	P
4304734908	EVANS FED 15-25E	NWSE	25	100S	190E	U-3405	14023	Federal	GW	P
4304734909	WH FED 11-26E	NESW	26	100S	190E	UTU-3405	14629	Federal	GW	P
4304734984	WHB 4-26E	NWNW	26	100S	190E	U-43156	14898	Federal	GW	P
4304734985	WHB 6-26E	SENW	26	100S	190E	U-43156	14886	Federal	GW	P
4304735034	EVANS FED 8-26E	SENE	26	100S	190E	U-43156	14145	Federal	GW	P
4304735035	WHB 12-26E	NWSW	26	100S	190E	UTU-3405	14899	Federal	GW	P
4304735036	EVANS FED 11-25E	NESW	25	100S	190E	UTU-3405	14134	Federal	GW	P
4304735037	EVANS FED 13-25E	SWSW	25	100S	190E	UTU-3405	14090	Federal	GW	P
4304735043	EVANS FED 16-26E	SESE	26	100S	190E	UTU-3405	14372	Federal	GW	P
4304735063	EVANS FED 8-25E	SENE	25	100S	190E	U-43156	14089	Federal	GW	P
4304735064	EVANS FED 6-25E	SENW	25	100S	190E	U-43156	14135	Federal	GW	P
4304735065	EVANS FED 9-25E	NESE	25	100S	190E	UTU-3405	13983	Federal	GW	P
4304735102	EVANS FED 2-25E	NWNE	25	100S	190E	U-43156	13956	Federal	GW	P
4304737451	WHB 13-26E	SWSW	26	100S	190E	UTU-3405	16058	Federal	GW	P
4304738869	LOVE 4-20G	NWNW	20	110S	210E	UTU-076040	16249	Federal	GW	DRL
4304739064	UTE TRIBAL 2-11H	NENW	11	110S	200E	14-20-H62-5611	16072	Indian	GW	DRL

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304731777	STATE 4-36E	NWNW	36	100S	190E	ML-42175	11186	State	GW	P
4304731784	STATE 12-36E	NWSW	36	100S	190E	ML-42175	99998	State	GW	LA
4304732019	STATE 11-36E	NESW	36	100S	190E	ML-42175	11232	State	GW	P
4304732224	STATE 5-36B	SWNW	36	090S	190E	ML-45173	11363	State	GW	PA
4304732249	STATE 9-36B	NESE	36	090S	190E	ML-45173	11372	State	GW	PA
4304732316	RBU 12-2F	NWSW	02	100S	200E	ML-10716	99998	State	GW	LA
4304732404	STATE 2-36E	NWNE	36	100S	190E	ML-42175	99998	State	GW	LA
4304732405	STATE 9-36E	NESE	36	100S	190E	ML-42175	99998	State	GW	LA
4304732845	H R STATE S 22-2	SENW	02	120S	230E	ML-42215		State	GW	LA
4304732870	H R STATE S 24-2	SESW	02	120S	230E	ML-42215		State	GW	LA
4304732940	H R STATE S 42-2	SENE	02	120S	230E	ML-42215	13175	State	D	PA
4304732979	STATE 2-36E	NWNE	36	100S	190E	ML-42175	12390	State	GW	P
4304733129	STATE G 22-32	SENW	32	100S	230E	ML-47063		State	GW	LA
4304733130	H R STATE S 44-2	SESE	02	120S	230E	ML-42215		State	GW	LA
4304733169	STATE M 42-2	SENE	02	110S	230E	ML-47078		State	GW	LA
4304733173	STATE M 23-2	NESW	02	110S	230E	ML-47078		State	GW	LA
4304733174	STATE M 44-2	SESE	02	110S	230E	ML-47078		State	GW	LA
4304733175	STATE N 31-16	NWNE	16	110S	240E	ML-47080		State	GW	LA
4304733176	STATE Q 44-16	SESE	16	120S	210E	ML-47085	13134	State	D	PA
4304733181	STATE 1-36E	NENE	36	100S	190E	ML-42175	12539	State	GW	P
4304733738	STATE 1-2D	NENE	02	100S	180E	ML-26968		State	GW	LA
4304733740	STATE 9-2D	NESE	02	100S	180E	ML-13215-A		State	GW	LA
4304733837	STATE 7-36E	SWNE	36	100S	190E	ML-42175	13186	State	GW	P
4304734012	CLIFFS 15-21L	SWSE	21	110S	250E	FEE		Fee	GW	LA
4304734123	STATE 15-36E	SWSE	36	100S	190E	ML-42175	13784	State	GW	P
4304734124	STATE 9-36E	NESE	36	100S	190E	ML-42175	13760	State	GW	P
4304734241	STATE 5-36E	SWNW	36	100S	190E	ML-42175	13753	State	GW	P
4304734284	STATE 13-36E	SWSW	36	100S	190E	ML-42175	13785	State	GW	P
4304734285	STATE 6-36E	SENW	36	100S	190E	ML-42175	13370	State	GW	P
4304735089	WHB 8-36E	SENE	36	100S	190E	ML-42175	14024	State	GW	P
4304735612	WHB 14-36E	SESW	36	100S	190E	ML-42175	14759	State	GW	P
4304736292	WHB 12-36E	NWSW	36	100S	190E	ML-42175	15116	State	GW	P
4304736666	KINGS CANYON 1-32E	NENE	32	100S	190E	ML-47058	14958	State	GW	P
4304736667	KINGS CANYON 10-36D	NWSE	36	100S	180E	ML-047058	14959	State	GW	P
4304737034	AP 15-2J	SWSE	02	110S	190E	ML-36213	15778	State	GW	P
4304737035	AP 10-2J	NWSE	02	110S	190E	ML-36213	16029	State	GW	S
4304737036	AP 9-2J	NESE	02	110S	190E	ML-36213	15881	State	GW	P
4304737037	AP 8-2J	SENE	02	110S	190E	ML-36213	15821	State	GW	P
4304737038	AP 5-2J	SWNW	02	110S	190E	ML-36213	16043	State	D	PA
4304737039	AP 3-2J	NENW	02	110S	190E	ML-36213	15910	State	GW	P
4304737040	AP 2-2J	NWNE	02	110S	190E	ML-36213	99999	State	GW	DRL
4304737041	AP 1-2J	NENE	02	110S	190E	ML-36213	15882	State	GW	P
4304737659	KC 8-32E	SENE	32	100S	190E	ML-047059	15842	State	GW	P
4304737660	KC 9-36D	SESE	36	100S	180E	ML-047058	99999	State	GW	DRL
4304738261	KINGS CYN 2-32E	NWNE	32	100S	190E	ML-047059	15857	State	GW	DRL

API Well No: 43047370410000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-36213

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
AP 1-2J

2. NAME OF OPERATOR:
XTO ENERGY INC

9. API NUMBER:
43047370410000

3. ADDRESS OF OPERATOR:
382 Road 3100 , Aztec, NM, 87410

PHONE NUMBER:
505 333-3159 Ext

9. FIELD and POOL or WILDCAT:
ALGER PASS

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0700 FNL 0700 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENE Section: 02 Township: 11.0S Range: 19.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/1/2009	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: PWOP

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. intends to put this well on pump with the intent of improving production. Please see attached procedure.

Approved by the Utah Division of Oil, Gas and Mining

Date: September 24, 2009

By: Dustin Doucet

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Barbara Nicol	505 333-3642	Regulatory Clerk
SIGNATURE		**DATE**
N/A		9/23/2009

RECEIVED September 23, 2009

ML _____
TJF _____
DLC _____

Algiers Pass 01-02J
Sec 02, T 11 S, R 19 E
Uintah County, Utah
API: 43-047-37041
PWOP AFE# 902899

Surf csg: 8-5/8", 32#, J-55, ST&C csg @ 2,192'. TOC@ surf.

Prod csg: 5-1/2", 17#, MAV-80, LT&C csg @ 9,779'. PBTD (FC) @ 9,733'. TOC @ 3,050'. Cmtd w/65 sks lead (11.0 ppg, 3.82 cf/sk) & 831 sks 65/35/6 blend tail (13.0 ppg, 1.75 cf/sk yield). Did not circ cmt, TOC @ 3,050' via CBL.

Tbg: 2-3/8", 4.7#, J-55,EUE, 8RD tbg. SN @9,645', EOT @ 9,682'.

Perforations: **WA**: 5,660'-69', 5,990'-98', 6,193'-6,202'.
MV: 7,726'-50', 7,767'-74', 7,974'-82', 9,042'-50', 9,062'-68', 9,070'-82', 9,085'-95', 9,107'-12', 9,162'-76', 9,196'-9,200', 9,206'-14', 9,220'-26', 9,232'-44', 9,248'-62', 9,306'-14', 9,334'-44', 9,422'-26', 9,456'-69', 9,676'-82'.

Recent Prod: Plngr lift, 150 mcfd, 3.0 BOPD, 2.5 BWPD.

Purpose: Clean out wellbore, DO shoe joint for additional rate hole, and PWOP.

1) MIRU PU. MI 9,900' 2-3/8", 4.7#, L-80 tbg. MI 1 -500 bbl tank filled w/KCl substitute water and a flow back tank.

2) Blow down and kill well w/KCl substitute water down tubing/casing annulus if necessary. ND WH. NU BOP.

3) TIH w/2-3/8" tbg slowly and tag fill (PBTD @ 9,733'). Report fill to Mike Logan. TOH and LD 2-3/8", J-55 tbg.

4) TIH w/bit and scraper on 2-3/8", L-80 tbg. CO to top of fish and TOH w/tbg and BHA.

5) PU and TIH with STI 4-3/4" overshot with double catch grapple and bumper sub on 2-3/8", L-80 tbg. CO to and retrieve the pump-off sub. TOH and LD BHA and fish.

6) TIH w/4-3/4" bit on 2-3/8" tbg. DO FC @9,733' and DO shoe joint to 9,770' (**New PBTD**). TOH and LD BHA.

RECEIVED September 23, 2009

7) TIH with tubing BHA as follows:
   a) 2-3/8" x 12' pup jt w/1/2" vent hole located 1' from top
   b) 2-3/8" (1.9" ID) API SN
   c) 3 jts 2-3/8" tubing
   d) 5-1/2" TECH TAC (2" ID) @+/- 9,627'
   e) 2-3/8" tubing to surface, EOT @ 9,732', SN @ 9,720'

8) Swab well until clean fluid is obtained. ND BOP, NU WH.

9) TIH with rod BHA as follows:
   a) 3/4" x 8' – 0.012" Mesh Screen Dip Tube
   b) 2" x 1-1/4" x 16' x 19' RHBC
   c) 3/4" x 4' Guided Rod Sub w/mold-on guides
   d) 3/4" – 21,000 lb HF Shear Tool
   e) 12 – 1-1/4" API K Sinker Bars
   f) 36 – 3/4" Norris-96 Rods w/ mold-on guides
   g) 341 – 3/4" Norris-96 Rods w/T-couplings
   h) 3/4" x 2' & 3/4" x 4' Norris-96 Spacer Subs
   i) 1-1/4" x 22' Polished Rod w/liner

10) Space out pump with spacer subs. Load tubing and long stroke with rig to ensure pump action. HWO. RDMO PU.

11) MI and set a Lufkin RM-320-256-120 pumping unit (min ECB 18,900 lbs) with a C-96 engine. Set CB weights as follows:

Description	Weight	Position (in)
Left Lag	ORO	14.0
Left Lead	ORO	14.0
Right Lag	ORO	14.0
Right Lead	ORO	14.0

12) Gauge tanks. Shoot FL and run dynamometer during pumping unit startup. Start well pumping at 4 SPM and 120" SL for 24 hours. Check fluid level and tank gauges.

13) Report pre and post start up data to Mike Logan.

RECEIVED September 23, 2009

Regulatory:

- Submit subsequent sundry after work has been completed

Pumping Unit

- Lufkin RM-320-256-120 pumping unit
- Arrow C-96 engine
- 9,800' 2-3/8", 4.7#, L-80 tbg

Tubing

- 2-3/8" x 12' pup jt w/1/2" vent hole located 1' from top
- 2-3/8" (1.9" ID) API SN
- 3 jts 2-3/8" tubing
- 5-1/2" TECH TAC (2" ID) @+/- 9,627'
- 2-3/8" tubing to surface, EOT @ 9,752', SN @ 9,740'

Rods

- 3/4" x 8' – 0.012" Mesh Screen Dip Tube
- 2" x 1-1/4" x 16' x 19' RHBC
- 3/4" x 4' Guided Rod Sub w/mold-on guides
- 3/4" – 21,000 lb HF Shear Tool
- 12 – 1-1/4" API K Sinker Bars
- 36 – 3/4" Norris-96 Rods w/ T-couplings
- 341 – 3/4" Norris-96 Rods w/T-couplings
- 3/4" x 2' & 3/4" x 4' Spacer Subs
- 1-1/4" x 22' Polished Rod w/liner

RECEIVED September 23, 2009

API Well No: 43047370410000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-36213

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
AP 1-2J

2. NAME OF OPERATOR:
XTO ENERGY INC

9. API NUMBER:
43047370410000

3. ADDRESS OF OPERATOR:
382 Road 3100 , Aztec, NM, 87410

PHONE NUMBER:
505 333-3159 Ext

9. FIELD and POOL or WILDCAT:
ALGER PASS

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0700 FNL 0700 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENE Section: 02 Township: 11.0S Range: 19.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 4/6/2010	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: CHEM. TREATMENT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has performed a chemical treatment on this well per the following: 4/6/2010: MIRU Multi Chem. RU & pump 5 gals 8850 biocide & 4 bbl 2% KCL flush down csg. RDMO Multi Chem. RWTP. Final rpt.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
April 15, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Barbara Nicol	505 333-3642	Regulatory Compliance Tech
SIGNATURE		**DATE**
N/A		4/14/2010

RECEIVED April 14, 2010